



FANLESS TOUCH PANEL PC
MEDICAL PANEL PC
INFOTAINMENT TOUCH PANEL PC
INDUSTRIAL PANEL PC & MONITOR
OPEN FRAME PANEL PC

# **Table of Contents**

# **Touch Panel Computers**

-				_	
Pι	റവ	uct	Line	()ve	rview

483



# **Fanless Touch Panel Computers**

	Introduction Selection Guide		487 488
	GOT5153W-834	15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	491
NEW	GOT5153T-845	15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	493
	GOT5152T-834	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor D2550	495
	GOT5152T-832	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor D2550	497
NEW	GOT5123T-845	12.1" SVGA/XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	499
	GOT5120T-834	12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	501
	GOT5120T-832	12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600	503
	GOT5100T-834	10.4" XGA/SVGA FTF Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	505
	GOT5100T-832	10.4" SVGA FTF Fanless Touch Panel Computer with Intel® Atom™ Processor N2600	507
NEW	GOT5103W-845	10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	509
	GOT5840T-834	8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	511
	GOT5840T-832	8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600	513

# 2

# **Heavy-duty Fanless Touch Panel Computers**

	Introduction Selection Guide		517 518
	GOT3217W-881-PCT	21.5" Full HD TFT Fanless Multi-Touch Panel Computer with LGA1150 Socket 4th Generation Intel® Core <sup>TM</sup> i7/i5/i3, Pentium® & Celeron® Processor (0°C ~ +40°C)	525
	GOT3187W-881-PCT	18.5" WXGA TFT Fanless Multi-Touch Panel Computer with LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor (0°C ~ +40°C)	527
	GOT3187W-834-PCT	18.5" WXGA TFT Multi-Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)	529
TAIWAN EXCELLENCE 2014	: GOT3187W-832-PCT	18.5" WXGA TFT Fanless Multi-Touch Panel Computer with Intel® Atom™ Processor D2550 (-10°C ~ +50°C)	531

# **Table of Contents**

# Touch Panel Computers

	GOT3187W-111-PCT	18.5" WXGA TFT Fanless Multi-Touch Panel Computer with	533
		AMD G Series Processor T56N (-10°C ~ +45°C)	
(NEW)	GOT3177T-891-PCT	17" XGA TFT Fanless Multi-Touch Panel Computer with	535
		6th Generation Intel® Core™ Processor and Intel® Q170	
		(-10°C ~ +40°C)	
	GOT3177T-834	17" SXGA TFT Flat Front Bezel Touch Panel Computer with	537
		Intel® Celeron® Processor J1900 (-10°C ~ +50°C)	
NEW	GOT3157W-881-PCT	15.6" WXGA TFT Fanless Multi-Touch Panel Computer with	539
		Intel® Core™ Processor with Intel® H81 (-10°C ~ +40°C)	
	GOT3157W-834-PCT	15.6" WXGA TFT Fanless Multi-Touch Panel Computer with	541
		Intel® Celeron® Processor J1900 (-10°C ~ +50°C)	
	GOT3157W-832-PCT	15.6" WXGA TFT Fanless Multi-Touch Panel Computer with	543
		Intel® Atom™ Processor (-10°C ~ +50°C)	
NEW	GOT3157W-111-PCT	15.6 WXGA TFT Fanless Multi-Touch Panel Computer with	545
		AMD G Series Processor T56N (-10°C ~ +45°C)	
NEW	GOT3156T-834	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™	547
		Processor E3827 (-20°C ~ +55°C)	
	GOT3156T-832	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™	549
		Processor (-20°C ~ +55°C)	
	GOT3126T-834	12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer	55
		with Intel® Atom™ Processor E3827 (-20°C +55°C)	
	GOT3126T-832	12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer	553
		with Intel® Atom™ Processor N2600 (-20°C +55°C)	
	GOT3106T-832	10.4" SVGA TFT Extend Temp. Fanless Touch Panel Computer	555
		with Intel® Atom™ Processor N2600 (-20°C +55°C)	
	GOT3846T-832	8.4" SVGA TFT Fanless Touch Panel Computer with Intel®	557
		Atom™ Processor N2600 (-20°C ~ +55°C)	
	GOT-3840TL	8.4" SVGA TFT Cost-effective Fanless Touch Panel Computer	559
NEW	GOT817-834	17" SXGA TFT IP66-rated Stainless Steel Fanless PCT	561
		(or Resistive Touch) Panel Computer with Flat Bezel Design	
		and Intel® Atom™ Processor E3827 (-20°C ~ +55°C)	
NEW	GOT815-834	15" XGA TFT IP66-rated Stainless Steel Fanless PCT	563
		(or Resistive Touch) Panel Computer with Flat Bezel Design	
		and Intel® Atom™ Processor E3827 (-20°C ~ +55°C)	
	GOT812LR-834	12.1" XGA TFT IP66-rated Fanless Touch Panel Computer with	565
		Intel® Atom™ Processor E3827 and High Brightness (-20°C ~ +55°C)	
	GOT812LR-832	12.1" XGA TFT IP66-rated Fanless Touch Panel Computer with	567
		Intel® Atom™ Processor N2600 and High Brightness (-20°C ~ +55°C)	)
NEW	GOT712-837	12.1" XGA EN50155 Railway Fanless Touch Panel PC with	569
		Intel® Atom™ Processor E3845 1.91 GHz (-25°C ~ +70°C)	
NEW	GOT710-837	10.4" SVGA EN50155 Railway Fanless Touch Panel PC with	571
		Intel® Atom™ Processor E3845 1.91 GHz (-25°C ~ +70°C)	



# Industrial Panel Computers

		Introduction Selection Guide		575 576
		Slim Series		
TAIWAN EXCELLENCE 2016	NEW	P1177S-881	17" SXGA TFT 5th Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor Slim Industrial Touch Panel Computer	579
		P1177S-871	17" SXGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor Slim Industrial Touch Panel Computer	581
	NEW	P1157S-881	15" XGA TFT 5th Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor Slim Industrial Panel Computer	583
		P1157S-871	15" XGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Slim Industrial Panel Computer	585
		Expandable Series		
		P1197E-861	19" SXGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 1 PCI or 1 PCIe Slots	587
袋	TAIWAN EXCELLENCE <b>2014</b>	P1177E-871	17" SXGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 2 PCI or 2 PCI Slots	589
	NEW	P1177E-842	17" SXGA TFT Intel® Celeron® Processor J1900 Expandable Industrial Panel Computer with 1 PCI Slot	591
		P1157E-871	15" XGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 2 PCIe or 2 PCI Slots	593
		P1127E-871	12" XGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 2 PCle or 2 PCl Slots	595



# Industrial Touch Panel Monitors

	Introduction		599
	Selection Guide		600
NEW	P6211W	21.5" Full HD TFT Widescreen Industrial LCD Monitor	605
NEW	P6191	19" SXGA TFT Industrial LCD Monitor	607
	P6192	19" SXGA TFT Industrial LCD Monitor	609
	P6187W	18.5" WXGA TFT Widescreen Industrial LCD Monitor	611
NEW	P6171	17" SXGA TFT Industrial LCD Monitor	613
	P6173	17" SXGA TFT Industrial LCD Monitor	615
	P6157W	15.6" WXGA TFT Widescreen Industrial LCD Monitor	617
NEW	P6151	15" XGA TFT Industrial LCD Monitor	619
	P6153	15" XGA TFT Industrial LCD Monitor	621
NEW	P6121	12.1" XGA TFT Industrial LCD Monitor	623
	P6122	12.1" SVGA TFT Industrial LCD Monitor	625
NEW	P6101	10.4" XGA TFT Industrial LCD Monitor	627
NEW	P6105	10.4" XGA TFT Railway Touch Display with EN50100 T1 class (-25°C $\sim$ +55°C )	629
	P6100	10.4" SVGA TFT Industrial LCD Monitor	631

# **Table of Contents**

# **Touch Panel Computers**

# 5

# **Infotainment Touch Panel Computers**

Introduction		635
Selection Guide		636
IFO2225-873	22" WSXGA TFT Fanless Super Slim Touch Panel Computer with Intel® Core™ i7/i5/i3 Processor	637
IFO2175-873	17" SXGA TFT Fanless Super Slim Touch Panel Computer with Intel® Core™ i7/i5/i3 Processor	639



# Healthcare & Medical Solutions

	Introduction Selection Guide		643 644
	Medical Panel Com	puters	
NEW	MPC240	24" FHD TFT Medical Grade Panel Computer with 4th Generation Intel® Core™ M-series, Celeron® & Pentium® Processor	647
	MPC225-873	22" WSXGA TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/ i5/ i3 Processor	649
	MPC175-873	17" SXGA TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/ i5/ i3 Processor	651
NEW	MPC153-834	15.6" WXGA TFT Medical Grade Panel Computer with Intel® Celeron® Processor J1900	653
	MPC152-832	15" XGA TFT Medical Grade Panel Computer with Low Power Intel® Atom™ Processor D2550	655
	MPC102-832	10.4" SVGA Medical Grade Panel Computer with Low Power Intel® Atom™ Processor N2600	657
NEW	MPC103-845	10.1" WXGA TFT Medical Grade Panel Computer with Intel® Celeron® Processor N3060	659



TAIWAN EXCELLENCE 2016

# **Open Frame Panel Computers**

Introduction		662
Selection Guide		663
FDK191-832	19" SXGA TFT Open Frame Panel Computer with Intel® Atom™ Processor D2550	665
FDK172-834	17" SXGA TFT Open Frame Panel Computer with Intel® Celeron® Processor J1900	667



# Accessories

Accessory List 670

# Axiomtek Touch Panel Computers for Various Applications

#### **Total Solution**

Axiomtek has been working with customers from various industries for years and we fully understand market demands and requirements. Based on our ample experience, we have incorporated valuable features and applied the latest technology into our touch panel computers to help our customers achieve the highest performance possible by providing a range of products catered toward today's highly competitive market.

# Infotainment/Kiosk Application - IFO2000/GOT5000 series

The IFO2000 series is best suited for desktop infotainment system with LCD size ranging from 17" to 22". It features an IPX1-rated water-proof design to protect the entire system from outside liquid and an anti-scratch design up to 7H to make it durable for continuous use in public places. The GOT5000 series is extremely light weight, has fanless operation, ultra slim and modern ID features for small-size infotainment application. Having adopt Intel® Atom™ processor N2600/D2550, Intel® Celeron® J1900 or N3060 processor, this series delivers superior computing capabilities and energy efficiency and minimizes footprint. For human machine interface application, it incorporates resistive-type touchscreen to be accessible even users wear gloves. For anti-scratch application, it supports capacitive-type touchscreen with 90% light transmission which makes the screen clearer.

# **Harsh Environment Application - GOT800 series**

The GOT800 series is specifically designed for harsh operating environments such as: severe outdoor elements (extreme sunny or rainy day); dusty or wet spaces in food factories or kitchens; ships exposed to ocean salt water and many more. This series integrated an IP66-rated housing with sunlight readable technology, wide operating temperature from -20°C to +55°C and an optional 802.11a/b/g/n wireless support.

# **Rolling Stock Application - GOT700 Series**

The GOT700 series is used to keep the train driver informed about the status of the train's functions. Its design allows it to be deployed in environment with an extended temperature (-25°C ~ 70°C) and it also complies with the EMC, shock and vibration test requirements of European standard EN50155 for railway applications. GOT710-837 10.4" TFT display has a ruggedized touch panel. IP65 front bezel design and all lockable connectors are perfect choice for Human Machine Interface(HMI) in railway environments. GOT710-837 includes a comprehensive feature set with one CAN Bus, DIO, audio, two Ethernet ports, USB ports and RS-232/422/485.

# Industrial Automation Application - GOT3000/P1000/P6000 series

The GOT3000 series delivers solution that is capable of meeting the needs of the industrial automation market. It features wide range operating temperatures of -20°C to +65°C, low power Intel or AMD processor, anti-vibration design, high brightness display and NEMA 4X compliant front bezel. The P1000 series helps customers reduce time-to-market for the automation industry by featuring extremely light weight panel, flexibility with CPU selection, cost effectiveness, slim/expandable designs, anti-corrosion front bezel and vibration resistance up to 1Grms. The P6000 series industrial flat panel monitors comes in 10.4", 12.1", 15", 17" and 19", and features high brightness TFT LCD's, water/dust-proof front panels and light-duty aluminum panels/chassis. This series supports multi-signal interfaces including DVI/VGA/S-Video/Video or HDMI/DP/DVI..





O VOI VIOV

Fanless Touch Panel

Computers

Heavy-duty Fanless Touch Panel Computers

9

Industrial Touch Panel Computers

Industrial Touch panel Monitors



Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

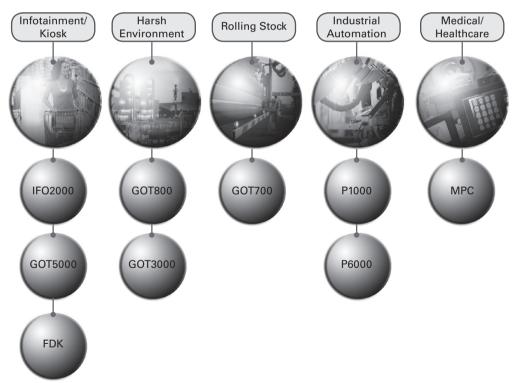
#### **Kiosk Information Station - FDK series**

Axiomtek's FDK series is an open frame LCD panel computer with outstanding configuration flexibility to help system integrators with configuring kiosk PCs. To easily fit into any space or to be encased into any chassis, the FDK series comes with open frame and slim design. For versatile applications, several touchscreen options are available to offer different viewer experiences. The brightness adjustment control is hidden from public view but still accessible for easy maintenance. For WiFi & 4G connection, this slim unit incorporates Mini Card slot for expansion capability. The FDK series can be widely deployed for indoor kiosk, HMI automation, and much more applications.

# Medical/Healthcare Application - MPC series

Axiomtek's medical touch panel computers (MPC series), are well-suited for applications like medical image processing, medical measuring instrument and mobile nursing cart. The MPC series deliver features such as power efficiency, sleek ID, IP65-rated front panel & IPX1-rated enclosure water/dust-proof design and operating without making any noise. They comply with ISO 13485: 2003, UL60601-1/EN60601-1, CE, and FCC Class B certifications to ensure operation safety.

# Segment VS. Product Line





# Touch Panel Computers



# Fanless Touch Panel Computers



			487
	Selection Guide		488
	GOT5153W-834	15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	491
NEW	GOT5153T-845	15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	493
	GOT5152T-834	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor D2550	495
	GOT5152T-832	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor D2550	497
NEW	GOT5123T-845	12.1" SVGA/XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	499
	GOT5120T-834	12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	501
	GOT5120T-832	12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600	503
	GOT5100T-834	10.4" XGA/SVGA FTF Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	505
	GOT5100T-832	10.4" SVGA FTF Fanless Touch Panel Computer with Intel® Atom™ Processor N2600	507
NEW	GOT5103W-845	10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060	509
	GOT5840T-834	8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900	511
	GOT5840T-832	8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600	513

# 0

# **Industrial Panel Computers**

# **GOT5000 Series for HMI/Kiosk/Infotainment**

The GOT5000 series is specifically designed for HMI (human machine interface) applications. Incorporating low power consumption Intel® processor N3060/J1900/D2550/N2600 and with a ultra slim housing makes this series a cost-effective and state-of-art fanless touch panel computer. It comes in various LCD display sizes ranging from 8.4" to 15.6" and a compact design. The GOT5000 series is a perfect HMI platform for public infotainment system and information display in factory/building automation fields.

This series provides 1/2 mini card slot(s) and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use LAN/GPRS/GPS/4G.

# **Major Features**



▲ Industrial automation



▲ Varied sizes of 8.4", 10.1", 10.4", 12", 15" and 15.6



▲ Cost-effective solution



▲ Super lightweight



▲ Rich IO connectivity



▲ Wireless connection Wi-Fi/BT/4G



ightharpoonup IP65 front panel design



▲ Flexible mounting ways: Desktop/Panel/Wall/VESA

# Fanless Touch Panel Computers

Selection Guide









	Page 491	Page 493	Page 495	Page 497
Features Wodels	GOT5153W-834	GOT5153T-845	GOT5152T-834	GOT5152T-832
CPU Level	Intel® Celeron® processor J1900 (up to 2.42 GHz)	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)	Intel® Celeron® processor J1900 (up to 2.42 GHz)	Intel® Atom™ D2550 @1.86 GHz
Chipset	SoC Integrated	SoC Integrated	SoC Integrated	Intel® NM10
System Memory	1 x 204-pin DDR3L-1333 MHz SO- DIMM max. up to 8 GB	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3L-1333 MHz SO- DIMM max. up to 8 GB	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 4 GB
Display	15.6" TFT, WXGA, 300 nits	15" TFT, XGA, 400 nits	15" TFT, XGA, 400 nits	15" TFT, XGA, 400 nits
I/O	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line out) 1 x VGA	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch	3 x RS-232/422/485 (COM 1/2/3) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio(Line out) 1 x VGA	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™
Expansion Interface	2 x PCIe Mini Card	2 x PCle Mini Card	2 x PCle Mini Card	1 x PCIe Mini Card
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive type	Projected capacitive multi-touch 5-wire flat resistive type	5-wire resistive type	5-wire resistive type
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows 10 Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, WES Windows® 7, WES 7
Power Supply	9~36VDC 100~240VAC, 60W adapter	12VDC (default) 9~36VDC (optional) 24VDC (optional) 100~240V, AC-DC 60W power adapter	9~36VDC 100~240VAC, 60W adapter	10-30VDC 100-240VAC, 60W adapter
Power Consumption	36W	TBD	36W	30W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")	TBD	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")
Weight (net/gross)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)	TBD	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Operating Temperature	0° ~ +45°C (+32°F ~ +113°F)	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE	CE	UL60950-1, CE

Heavy-duty Fanless Touch Panel Computers Industrial Touch Panel Computers Industrial Touch panel Monitors Infotainment Touch Panel Computers Healthcare & Medical Solutions Open Frame Panel Computers

Accessories

Overview

Touch Panel Computers



# Fanless Touch Panel Computers

Selection Guide











Page 490

Page 501

Page 503

Page 50

	Page 499	Page 501	Page 503	Page 505
Features Wodels	GOT5123T-845	GOT5120T-834	GOT5120T-832	GOT5100T-834
CPU Level	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)	Intel® Celeron® processor J1900 (up to 2.42 GHz)	Intel® Atom™ N2600 @1.6 GHz	Intel® Celeron® processor J1900 (up to 2.42 GHz)
Chipset	SoC Integrated	SoC Integrated	Intel® NM10	SoC Integrated
System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3L-1333 MHz SO- DIMM max. up to 8 GB	1 x 204-pin DDR3 800/1066 MHz S0-DIMM max. up to 2 GB	1 x 204-pin DDR3L-1333 MHz SO- DIMM max. up to 8 GB
Display	12.1" TFT, XGA, 500 nits 12.1" TFT, SVGA, 450 nits	12.1" TFT, XGA, 500 nits 12.1" TFT, SVGA, 450 nits	12.1" TFT, XGA, 500 nits 12.1" TFT, SVGA, 450 nits	10.4" TFT, XGA, 350 nits 10.4" TFT, SVGA, 400 nits
1/0	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line out) 1 x VGA	1 x RS-232/422/485 (COM 1) 1 x RS-232 (COM 2) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Audio (Lint-out) 1 x VGA	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line out)
Storage	1 x 2.5" HDD 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™	1 x 2.5" HDD 1 x CFast™ or mSATA
Expansion Interface	2 x PCle Mini Card	2 x PCle Mini Card	1 x PCle Mini Card	2 x PCle Mini Card
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive type	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operating System	Windows 10 Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, WES Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	12VDC (default) 9-36VDC (optional) 24VDC (optional) 100-240V, AC-DC 60W power adapter	9~36VDC 100~240VAC, 60W adapter	10~30VDC 100~240VAC, 60W adapter	9~36VDC 100~240VAC, 60W adapter
Power Consumption	TBD	32W	30W	32W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	TBD	327.5 x 52.5 x 261.8 mm (12.9" x 2.07" x 10.3")	327.5 x 52.5 x 262 mm (12.9" x 2.07" x 10.3")	292.5 x 45.8 x 235.8 mm (11.52" x 1.80" x 9.28")
Weight (net/gross)	TBD	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Operating Temperature	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE	UL60950-1, CE	CE

1

Fanless Touch Panel Computers









Page 511

	Page 507	Page 509	Page 511	Page 513
Features Wodels	GOT5100T-832	GOT5103W-845	GOT5840T-834	GOT5152T-832
CPU Level	Intel® Atom™ N2600 @1.6 GHz	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)	Intel® Celeron® processor J1900 (up to 2.42 GHz)	Intel® Atom™ D2550 @1.86 GHz
Chipset	Intel® NM10	SoC Integrated	SoC Integrated	Intel® NM10
System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 2 GB	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3L-1333 MHz SO- DIMM max. up to 8 GB	1 x 204-pin DDR3 800/1066 MHz S0-DIMM max. up to 4 GB
Display	10.4" TFT, SVGA, 400 nits	10.1" TFT, WXGA 350nits	8.4" TFT, SVGA, 350 nits	15" TFT, XGA, 400 nits
I/O	1 x RS-232/422/485 (COM 1) 1 x RS-232 (COM 2) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out)	1 x RS-232 (COM 2) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000Mbps Ethernet 2 x USB 3.0 (optional) 2 x USB 3.0 1 x Audio (Line-out) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch	2 x RS-232/422/485 (COM 1/2) 2 x 10/100/1000Mbps Ethernet 2 x USB 3.0 1 x Audio (Line out)	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" HDD 1 x CompactFlash™	1 x Half-Slim SATA SSD (optional) 1 x mSATA	1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™
Expansion Interface	1 x PCle Mini Card	2 x PCle Mini Card	2 x PCle Mini Card	1 x PCle Mini Card
Touchscreen	5-wire resistive type	Projected capacitive multi-touch	5-wire resistive type	5-wire resistive type
Operating System	Windows® XP, WES Windows® 7, WES 7	Windows 10 Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, WES Windows® 7, WES 7
Power Supply	10-30VDC 100-240VAC, 60W adapter	12VDC (default) 9-36VDC (optional) 24VDC (optional) 100-240V, AC-DC 36W power adapter	9~36VDC 100~240VAC, 60W adapter	10~30VDC 100~240VAC, 60W adapter
Power Consumption	30W	40.32W	25W	30W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	292.5 x 45.8 x 235.8 mm (11.52" x 1.8" x 9.28")	260.8 x 38 x 194.1 mm (10.27" x 1.50" x 7.65")	250.7 x 45.8 x 204.7 mm (9.87" x 1.80" x 8.06")	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	TBD	1.3 kg (2.87 lb)/2.25 kg (4.96 lb)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Operating Temperature	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)
Certificate	UL60950-1, CE	CE	CE	UL60950-1, CE

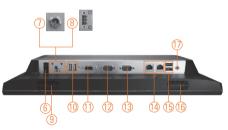
Heavy-duty Fanless Touch Panel Computers Industrial Touch Panel Computers Industrial Touch panel Monitors Infotainment Touch Panel Computers Healthcare & Medical Solutions

Open Frame Panel Computers

# GOT5153W-834

15.6" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz)





- 1. Power LED
- 2. HDD LED
- 3. Brightness adjust
- 4. Display on/off
- 5. Volume adjust
- 6. Power switch (ATX)
- 7. Power input connector (Screw)
- 8. Power input connector (Phoenix)
- 9. Speaker
- 10. USB 2.0 x 2
- 11. VGA
- 12. COM 1 (RS-232/422/485) 13. COM 2 (RS-232/422/485)
- 14. Ethernet x 2
- 15 USB 3 0 x 2
- 16. Speaker
- 17. Audio (Line-out)

# Features

- 15.6" WXGA wide screen TFT LCD display with LED backlight
- 15.6" projected capacitive touch or 5-wire flat resistive touch
- Fanless design with Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Supports 2 Gigabit LAN, 4 USB, 2 COM ports and speakers
- IP65 front bezel and IPX1 full enclosure
- Supports optional VESA arm/desktop stand/wall mount
- Supports optional RFID or smart card reader



















# Introduction

The GOT5153W-834 is a 15.6" Intel® Celeron® processor fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 15.6" TFT LCD as well as Intel® Celeron® processor J1900 4 cores up to 2.42 GHz (Bay Trail). For wireless network connection, the GOT5153W-834 offers 2 PCle Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9~36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

# Slim & lightweight design

The GOT5153W-834 is slim and lightweight which make it fit for limited space installation

#### **Built-in internal WLAN antenna**

The GOT5153W-834 provides 2 PCle Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5153W-834 in wireless LAN/GPRS/GPS/4G environment.

#### Support front membrane keys

The GOT5153W-834 provides 5 membrane keys in front of system, people can adjust the system display, volume and brightness.

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD withg LED
		backlight
	Brightness (cd/m²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900
		4 cores (up to 2.42 GHz)
	System Memory	1 x 204-pin DDR3L-1333 MHz
		SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD
		1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

I/O Connector	2 x RS-232/422/485 (default RS-232, COM 1/2)
	1 x Switch for power on/off
	2 x USB 2.0
	2 x USB 3.0
	1 x VGA
	1 x Audio (Line-out)
	2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported
	1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch
	5-wire flat resistive touch
Power Supply	1. DC version: 9~36VDC with over-current protection fuse
	2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm
	(10.13") (H)
Packing Dimensions	510 mm (20.09") x 190 mm (7.48") x 540 mm (21.26")
Weight (net/gross)	3.0 kg (6.61 lb)/ 4.5 kg (9.92 lb)
Environment	Operating temperature: 0°C ~ +45°C (32°F ~ +113°F)
	w/RAM thermal kit
	Storage Temperature: 0°C ~ +45°C (32°F ~ +113°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2 G, 10 ~ 500Hz, random for CFast™
Certificate	CE

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT5153W-834-PCT-J	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capactive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-FR-J	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153W-834-PCT-DC	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, projected capactive multi-touch screen, and 9-36VDC power input(terminal block connector)
GOT5153W-834-FR-DC	15.6" WXGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, and 9-36VDC power input(termincal block connector)

# **Optional EOS Installation**

WES7 WE8S

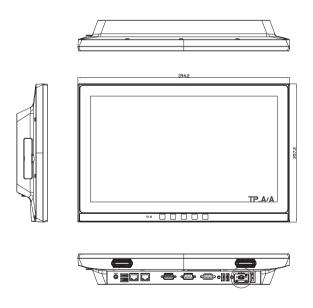
# **Optional OS Installation**

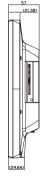
Windows® 7 Windows® 8.1

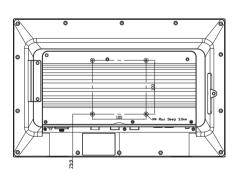


▲ Rear view

# **Dimensions**











Overview

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

# GOT5153T-845

15" XGATFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060 (up to 2.48 GHz)





# **Features**

- 15" XGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
- Supports 2.5" SATA SSD & mSATA
- Supports 2 Gigabit LAN, 4 USB, 3 COM ports and optional speakers
- IP65 front bezel and design
- Supports optional panel mount/VESA arm/desktop stand/ wall mount
- Supports external AT/ATX mode selection switch











# Introduction

The GOT5153T-845 is a 15" Intel® Celeron® processor fanless touch panel computer. In response to market demand, this panel computer is a cost-effective solution. It adopts a modern, sleek and fanless design and is equipped with a 15" TFT LCD as well as Intel® Celeron® processor N3060 2 cores up to 2.48 GHz. For wireless network connection, the GOT5153T-845 offers 2 PCle Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (12V default, 24V or 9~36V optional) with terminal block connector, and another is AC power adapter with screw type connector.

# Slim & lightweight design

The GOT5153T-845 is slim and lightweight which make it fit for limited space installation.

# Built-in internal WLAN antenna

The GOT5153T-845 provides 2 PCIe Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5153T-845 in wireless LAN/GPRS/GPS/4G environment.

#### Support front membrane keys

The GOT5153T-845 provides 5 membrane keys in front of system, people can adjust the system display, volume and brightness.

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15" XGA TFT LCD withg LED backlight
	Brightness (cd/m²)	400 nits
	Resolution	1024 x 768
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD
		1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

•	
I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (default RS-232, COM 1) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out)
Expansion Interface	2 x 10/100/1000Mbps Ethernet (Intel® i211AT)  1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch 5-wire flat resistive touch
Power Supply	DC version: 12VDC (default) or     DC version: 9-36VDC with over current protection fuse (optional) or     DC version: 24VDC over current protection fuse (optional) or     AC version: 100-240V AC-DC 60W power adapter
Dimensions	TBD
Packing Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F) Storage Temperature: 0° ~ +50°C (+32°F ~ +122°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 2 G, 10 ~ 500Hz, random for SSD
Certificate	CE

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT5153T-845-PCT-J	15" XGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
G0T5153T-845-FR-J	15" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5153T-845-PCT-DC	15" XGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen and 12VDC power input (terminal block connector)
GOT5153T-845-FR-DC	15" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen and 12VDC power input (terminal block connector)

# **Optional EOS Installation**

WES7 (64-bit)			
WE8S (64-bit)			

# **Optional OS Installation**

Windows® 7 (64-bit)	
Windows® 8.1 (64-bit)	
Windows® 10	



Overview



Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Healthcare & Medical Solutions

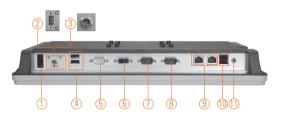




# GOT5152T-834

15" XGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz)





- 1. Power switch (ATX)
- 2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter
- 4 USB 20 x 2
- 5. COM 3 (RS-232/422/485)
- 6. VGA
- 7. COM 1 (RS-232/422/485) 8. COM 2 (RS-232/422/485)
- 9. Ethernet x 2
- 10. USB 3.0 x 2
- 11. Audio (Line-out)

# Features

- 15" XGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
- Supports WLAN module & internal antenna
- Supports 2 Gigabit LAN, 4 USB & 3 COM ports
- Easy for expansion: PCIe Mini Cards
- Supports optional panel mount, wall mount VESA arm and desktop stand
- Supports RFID (optional)
- Plastic and IP65-rated front bezel





▲ CFast™ slot with protective cover











# Introduction

Axiomtek GOT5152-834 utilizes the fanless technology using Intel® J1900 4 cores (up to 2.42 GHz) CPU. Running Windows or Linux, this panel system provides great performance for many commercial and industrial applications. This slim design incorporates a 15" 400 nits LCD display providing a bright XGA (1024 x 768) touch screen. Wireless communications is supported with a built-in antenna within the bezel, ready for your choice of optional PCle Mini Card. There are two choices for powering the unit, Class B that includes an external AC to DC power brick with screw-on power connector, or Class A with no power brick, providing a Phoenix style DC connector (9VDC – 36VDC). Using an all industrial-grade IP-65 rated design, weighing 7 to 11lbs (depending on configuration), this 15" fanless touch panel computer provides an attractive cost, low power, high performance, reliable quality, slim size and low weight, all new for more demanding

#### Super slim & ultra lightweight design

The GOT5152T-834 is a super slim touch panel computer for space-limited environment with its thickness of 54.6 mm and weight of 3.2 kg only, which make it installed

#### **Built-in internal WLAN antenna**

The GOT5152T-834 provides 2 PCle Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN cards, customers can use the GOT5152T-834 in a wireless LAN/GPRS/ GSM/4G environments.

#### Excellent thermal solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5152T-834 can dissipate the heat easily and keep the system operation stable.

Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight
	Brightness (cd/m²)	400 nits
	Resolution	1024 x 768
	Viewing Angel (H/V)	160°/140°
Main System	CPU	Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

I/O Connector	3 x RS-232/422/485 (default RS-232, COM 1/2/3)
	1 x VGA
	1 x Audio (Line-out)
	2 x USB 2.0
	2 x USB 3.0
	2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Input	1. DC version: 9~36VDC with over-current protection fuse 2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D)
	x 307.7 mm (12.11") (H)
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)
Weight (net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Environment	Operating temperature:
	$0^{\circ} \sim +50^{\circ}\text{C}$ (+32°F $\sim +122^{\circ}\text{F}$ ) (with W.T. DRAM/HDD in
	airflow condition)
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD)
	Storage Temperature:
	0° ~ +50°C (+32°F ~ +122°F) (in airflow condition)
	Relative humidity:
	20% ~ 90% @ 40°C; non-condensing
	Operation vibration: 2G, 5 ~ 500Hz, random for CFast™
04:6:4-	
Certificate	CE

<sup>\*\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

G0T5152T-834-J	15" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector), and EMI class B
GOT5152T-834-DC	15" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, and 9-36VDC power input(terminal block connector)

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional EOS Installation**

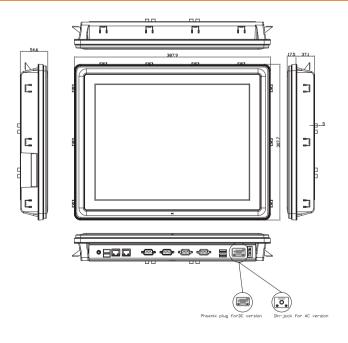
WES 7			
WE8S			

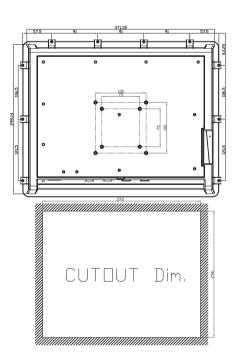
# **Optional OS Installation**

Windows® 7 Windows® 8.1



# **Dimensions**





Overview

Fanless

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



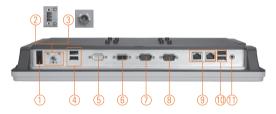
Open Frame Panel



# GOT5152T-832

15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor D2550





- 1. Power switch (ATX)
- 2. Terminal block for DC power input or 3. Screw conn. w/ AC power adapter
- 4 USB 2 0 x 2
- 5. COM 3 (RS-232)
- 6. VGA
- 7. COM 1 (RS-232/422/485)
- 8. COM 2 (RS-232)
- 9. Ethernet x 2
- 10. USB 2.0 x 2
- 11. Audio (Line-out)

# **Features**

- 15" XGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Atom™ processor D2550 2 cores @1.86 GHz
- Ultra slim design: thickness 54.6 mm
- Super light weight: 3.2 kg
- Easy for expansion: PCle Mini Card
- Supports optional panel mount, wall mount, VESA arm and desktop stand
- Supports RFID (optional)
- Over-current protection fuse
- Plastic and IP65-rated front bezel





▲ CompactFlash<sup>™</sup> slot with protective cover















# Introduction

Axiomtek's GOT5152-832 offers the latest fanless technology using Intel® dual core D2550 1.86GHz CPU. Running Windows or Linux, this system provides great performance for many commercial and industrial applications. This slim design incorporates a 15" 400 nits LCD display providing a bright XGA (1024 x 768) touch screen. Wireless communications is supported with a built-in antenna within the bezel, ready for your choice of optional PCle Mini Card and Wi-Fi cards. There are two choices for powering the unit, Class B that includes an external AC to DC power brick with screw-on power connector, or Class A with no power brick, providing a Phoenix style DC connector (10VDC – 30VDC). Using an all industrial-grade IP65 rated design, weighing 7 to 11lbs (depending on configuration), this computer provides an attractive cost, low power, high performance, reliable quality, slim size and low weight, all new for more demanding applications.

#### Super slim & ultra lightweight design

The GOT5152T-832 is a super slim touch panel computer for space-limited environment with its thickness of 54.6 mm and weight of 3.2 kg only, which make it installed everywhere.

# Built-in internal WLAN antenna

The GOT5152T-832 provides a PCIe Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5152T-832 in a wireless LAN/GPRS/GSM/4G environments.

#### Excellent thermal solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5152T-832 can dissipate the heat easily and keep the system operation stable.

Front Bezel	IP65, NEMA 4 rugged	IP65, NEMA 4 rugged protection, plastic front bezel		
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight		
	Brightness (cd/m²)	400 nits		
	Resolution	1024 x 768		
	Viewing Angel (H/V)	160°/140°		
Main System	CPU	Intel® Atom™ processor D2550 2 cores @1.86 GHz		
	Chipset	Intel® NM10		
	System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 4 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™		
	Watchdog Timer	255 levels, 0~255 sec.		
	Onboard Graphics	Integrated in Intel® GFX		

-	
I/O Connector	2 x RS-232 (COM 2/3)
	1 x RS-232/422/485 (default RS-232, COM 1)
	1 x VGA
	1 x Audio (Line-out)
	4 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCle Mini Card slot
Touchscreen	Resistive type
Power Input	1. DC version: 10~30VDC with over-current protection fuse
	2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D)
	x 307.7 mm (12.11") (H)
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D)
	x 385 mm (15.16") (H)
Weight (net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Environment	Operating temperature:
	$0^{\circ}$ ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in
	airflow condition)
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD)
	Storage Temperature:
	$0^{\circ} \sim +50^{\circ}\text{C} \text{ (+32°F} \sim +122°F) \text{ (in airflow condition)}$
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration: 2G, 5 ~ 500Hz, random for
	CompactFlash™
Certificate	UL60950-1, CE

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Ordering Information**

GOT5152T-832-J	15" XGA fanless touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5152T-832-DC	15" XGA fanless touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen and 10~30VDC power input(terminal block connector)

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional EOS Installation**

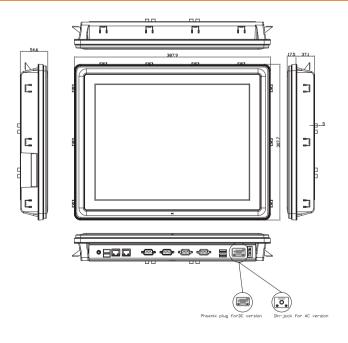
VA/EC			
VVES			
M/EC 7			
VVLO /			

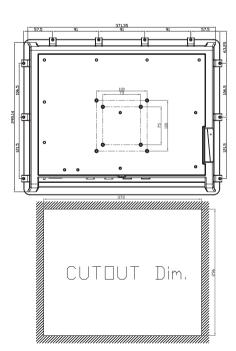
# **Optional OS Installation**

Windows® XP Windows® 7



# **Dimensions**





Overview



Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Solutions



<sup>\*\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# GOT5123T-845

12.1" XGA/SVGATFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060 (up to 2.48 GHz)





# **Features**

- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
- Supports 2.5" SATA SSD & mSATA
- Supports 2 Gigabit LAN, 4 USB, 2 COM ports and optional speakers
- IP65 front bezel design
- Supports optional Panel mount/VESA arm/desktop stand/ wall mount
- Supports external AT/ATX mode selection switch











# Introduction

The GOT5123T-845 is a 12.1" Intel® Celeron® processor fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Celeron® processor N3060 2 cores up to 2.48 GHz. For wireless network connection, the GOT5123T-845 offers 2 PCIe Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (12V default, 24V or 9–36V optional) with terminal block connector, and another is AC power adapter with screw type connector.

# Slim & lightweight design

The GOT5123T-845 is slim and lightweight which make it fit for limited space installation.

# Built-in internal WLAN antenna

The GOT5123T-845 provides 2 PCIe Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5123T-845 in wireless LAN/GPRS/GPS/4G environment.

#### Support front membrane keys

The GOT5123T-845 provides 5 membrane keys in front of system, people can adjust the system display, volume and brightness.

Front Bezel	IP65, NEMA 4 rugged	protection, plastic front bezel
LCD Panel	Display Type	12.1" XGA/SVGA TFT LCD withg LED backlight
	Brightness (cd/m²)	500 nits (XGA) 450 nits (SVGA)
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
	System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD GFX

I/O Connector	1 x RS-232 (COM 2)
,	1 x RS-232-422-485 (default RS-232, COM 1)
	1 x HDMI
	1 x Switch for power on/off
	1 x AT/ATX mode selection switch
	2 x USB 2.0
	2 x USB 3.0
	1 x Audio (Line-out)
	2 x 10/100/1000Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected Capacitive multi-touch
	5-wire flat resistive touch
Power Supply	1. DC version: 12VDC (default) or
	<ol><li>DC version: 9~36VDC with over current protection fuse (optional) or</li></ol>
	3. DC version: 24VDC over current protection fuse(optional)
	or
	4. AC version: 100~240V AC-DC 60W power adapter
Dimensions	TBD
Packing Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F) Storage Temperature: 0° ~ +50°C (+32°F ~ +122°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2 G, 10 ~ 500Hz, random for SSD
Certificate	CE

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT5123T-845-PCT-J	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5123T-845-FR-J	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5123T-845-PCT-DC	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen, 12VDC power input (terminal block connector)
GOT5123T-845-FR-DC	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen, 12VDC power input (terminal block connector)
G0T5123T-845-XGA-PCT-J	12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5123T-845-XGA-FR-J	12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5123T-845-XGA-PCT-DC	12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen and 12VDC power input (terminal block connector)
G0T5123T-845-XGA-FR-DC	12.1" XGA fanless touch panel computer with Intel® Celeron® processor N3060, 5-wire flat resistive touch screen and 12VDC power input (terminal block connector)

# **Optional EOS Installation**

WES7 (64-bit)		
WE8S (64-bit)		

# **Optional OS Installation**

Windows® 7 (64-bit)	
Windows® 8.1 (64-bit)	
Windows® 10	





Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



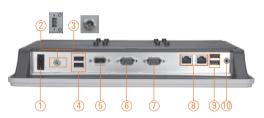
Healthcare & Medical Solutions



# GOT5120T-834

12.1" XGA/SVGA TFT Fanless Touch Panel with Intel® Celeron® Processor J1900 (up to 2.42 GHz)





- 1. Power switch (ATX)
- 2. Terminal block for DC power input
- or 3. Screw conn. w/ AC power adapter
- 4. USB 2.0 x 2
- 5. VGA

- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232/422/485)
- 8. Ethernet x 2
- 9. USB 3.0 x 2
- 10. Audio (Line-out)

# **Features**

- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
- Supports WLAN module & internal antenna
- Supports 2 Gigabit LAN, 4 USB & 2 COM ports
- Easy for expansion: PCle Mini Cards
- Supports optional panel mount, wall mount, VESA arm and desktop stand
- Supports speakers (optional)
- Plastic and IP65-rated front bezel





▲ Deskton stand















# Introduction

The GOT5120T-834 is a 12.1" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Celeron® processor J1900 4 cores up to 2.42 GHz. For wireless network connection, the GOT5120T-834 offers 2 PCle Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9–36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

## Super slim & ultra lightweight design

The GOT5120T-834 is a super slim touch panel computer for space-limited environment with its thickness of 52 mm and weight of 2.4 kg only, which make it installed everywhere.

#### **Built-in internal WLAN antenna**

The GOT5120T-834 provides 2 PCIe Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5120T-834 in a wireless LAN/GPRS/GSM/4G environments.

# Excellent thermal solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-834 can dissipate the heat easily and keep the system operation stable.

opeemeatione			
Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel		
LCD Panel	Display Type	12.1" XGA/SVGA TFT LCD with LED backlight	
	Brightness (cd/m²)	500 nits (XGA) 450 nits (SVGA)	
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)	
	Viewing Angel (H/V)	160°/140°	
Main System	CPU	Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)	
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM max. up to 8 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or mSATA	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated in Intel® GFX	

I/O Connector	2 x RS-232/422/485 (default RS-232, COM1/2)
	1 x VGA
	1 x Audio (Line-out)
	2 x USB 2.0
	2 x USB 3.0
	2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Resistive type
Power Input	1. DC version: 9~36VDC with over-current protection fuse 2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	327.5 mm (12.9") (W) x 52.5 mm (2.07") (D)
	x 261.8 mm (10.3") (H)
Packing Dimensions	455 mm (17.91") (W) x 105 mm (4.13") (D) x 340 mm (13.39") (H)
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)
Environment	Operating temperature:
	0° ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in
	airflow condition)
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD)
	Storage Temperature:
	$0^{\circ} \sim +50^{\circ}\text{C} (+32^{\circ}\text{F} \sim +122^{\circ}\text{F})$ (in airflow condition)
	Relative humidity:
	20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2G, 5 ~ 500Hz, random for CFast™
Certificate	CE
* Specification and cert	ifications are based on options and may vary.

<sup>\*\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT5120T-834-J	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B	
GOT5120T-834-DC	12.1" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36VDC power input(terminal block connector)	
GOT5120T-834-XGA-J	12.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B	
G0T5120T-834-XGA-DC	12.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36VDC power input(terminal block connector)	
* Specification and certifications are based on options and may vary.		

# **Optional EOS Installation**

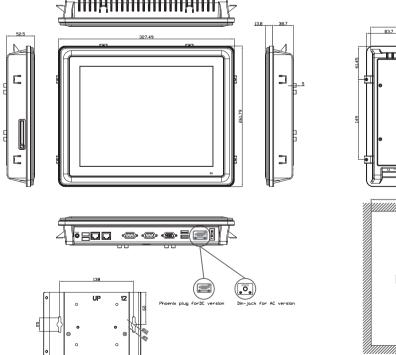
WE8S			
WES 7			

# **Optional OS Installation**

Windows® 8.1 Windows® 7



# **Dimensions**



CUTOUT DIM.

502

Overview

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

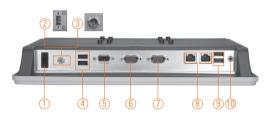
Solutions

Open Frame Panel

# GOT5120T-832

12.1" XGA/SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600





- 1. Power switch (ATX)
- 2. Terminal block for DC power input
- or 3. Screw conn. w/ AC power adapter
- 4. USB 2.0 x 2
- 5. VGA

- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232)
- 8. Ethernet x 2
- 9. USB 2.0 x 2
- 10. Audio (Line-out)

# **Features**

- 12.1" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Atom™ processor N2600 2 cores
   @1.6 GHz
- Supports WLAN module & internal antenna
- Supports 2 Gigabit LAN, 4 USB & 2 COM ports
- Easy for expansion: PCIe Mini Card
- Supports optional panel mount, wall mount, VESA arm and desktop stand
- Supports RFID (optional)/speaker (optional)
- Plastic and IP65-rated front bezel





▲ Deskton stand















# Introduction

The GOT5120T-832 is a 12.1" Intel® Atom™-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 12.1" TFT LCD as well as Intel® Atom™ processor N2600 1.6 GHz. For wireless network connection, the GOT5120T-832 offers a PCle Mini Card slot. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (10–30VDC) with terminal block connector, ant another is AC power adapter with screw type connector.

#### Super slim & ultra lightweight design

The GOT5120T-832 is a super slim touch panel computer for space-limited environment with its thickness of 52 mm and weight of 2.4 kg only, which make it installed everywhere.

# Built-in internal WLAN antenna

The GOT5120T-832 provides a PCIe Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5120T-832 in a wireless LAN/GPRS/ GSM/4G environments.

#### Excellent thermal solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5120T-832 can dissipate the heat easily and keep the system operation stable.

Front Bezel	IP65, NEMA 4 rugged	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	12.1" XGA/SVGA TFT LCD with LED backlight	
	Brightness (cd/m²)	500 nits (XGA) 450 nits (SVGA)	
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)	
	Viewing Angel (H/V)	160°/140°	
Main System	CPU	Intel® Atom™ processor N2600 2 cores @1.6 GHz	
	Chipset	Intel® NM10	
	System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 2 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated in Intel® GFX	

I/O Connector	1 x RS-232 (COM 2)	
	1 x RS-232/422/485 (default RS-232, COM 1)	
	1 x VGA	
	1 x Audio (Line-out)	
	4 x USB 2.0	
	2 x 10/100/1000Mbps Ethernet	
Expansion Interface	1 x PCle Mini Card slot	
Touchscreen	Resistive type	
Power Input	<ol> <li>DC version: 10~30VDC with over-current protection fuse</li> <li>AC version: 100-240V AC-DC 60W power adapter</li> </ol>	
Dimensions	327.5 mm (12.9") (W) x 52.5 mm (2.07") (D) x 261.8 mm (10.3") (H)	
Packing Dimensions	455 mm (17.91") (W) x 105 mm (4.13") (D) x 340 mm (13.39") (H)	
Weight (net/gross)	2.48 kg (5.46 lb)/3.84 kg (8.46 lb)	
Environment	Operating temperature:	
	0° ~ +50°C (+32°F ~ +122°F) (with W.T. DRAM/HDD in airflow condition)	
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD)	
	Storage Temperature:	
	$0^{\circ} \sim +50^{\circ}\text{C} \text{ (+32°F} \sim +122°F) \text{ (in airflow condition)}$	
	Relative humidity:	
	20% ~ 90% @ 40°C; non-condensing	
	Operation vibration:	
	2G, 5 ~ 500Hz, random for CompactFlash™	
Certificate	UL60950-1, CE	

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Ordering Information**

G0T5120T-832-J	12.1" SVGA fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5120T-832-DC	12.1" SVGA fanless touch panel computer with Intel®  Atom™ processor N2600, 5-wire resistive touch screen and 10-30VDC power input(terminal block connector)
G0T5120T-832-XGA-J	12.1" XGA fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen AC-DC 60W power adapter (screw type connector), and EMI class B
G0T5120T-832-XGA-DC	12.1" XGA fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen and 10–30VDC power input(terminal block connector)
* 0 ' 10' 11' 1 11'	at the first of the second of

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional EOS Installation**

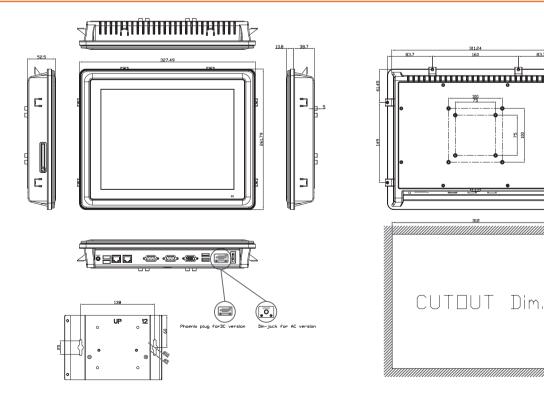
WES		
WES 7		

# **Optional OS Installation**

Windows® XP Windows® 7



# **Dimensions**





Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Healthcare & Medical Solutions



Computer:



<sup>\*\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# GOT5100T-834

10.4" XGA/SVGATFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz)





- 1 Power switch
- 2. Terminal block for DC power input
- or 3. Screw conn. w/ AC power adapter
- 4. USB 3.0 x 2
- 5. COM 1 (RS-232/422/485)
- 6. COM 2 (RS-232/422/485)
- 7. Ethernet x 2
- 8. USB 2.0 x 2
- 9. Audio (Line-out)

# **Features**

- 10.4" XGA/SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Celeron® processor J1900 4 cores & internal antenna
- Supports 2 Gigabit LAN, 4 USB & 2 COM ports
- Supports optional panel mount, wall mount, VESA arm and desktop stand
- Plastic and IP65-rated front bezel
- Supports RFID (optional)





▲ Deskton stand











# Introduction

The GOT5100T-834 is a 10.4" Intel® Celeron®-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 10.4" TFT LCD as well as Intel® Celeron® processor J1900 4 cores up to 2.42 GHz (Bay Trail). For wireless network connection, the GOT5100T-834 offers 2 PCle Mini Card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9–36VDC) with terminal block connector, and another is AC power adapter with screw type connector.

## Super slim & ultra lightweight design

The GOT5100T-834 is a super slim touch panel computer for space-limited environment with its thickness of 45.8mm and weight of 1.8 kg only, which make it installed everywhere.

# **Built-in internal WLAN antenna**

The GOT5100T-834 provides 2 PCIe Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5100T-834 in a wireless LAN/GPRS/GSM/4G environments.

#### Excellent thermal solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5100T-834 can dissipate the heat easily and keep the system operation stable.

Front Bezel	IP65, NEMA 4 rugged	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.4" XGA/SVGA TFT LCD with LED backlight	
	Brightness (cd/m²)	350 nits (XGA) 400 nits (SVGA)	
	Resolution	1024 x 768 (XGA) 800 x 600 (SVGA)	
	Viewing Angel (H/V)	140°/120°	
Main System	CPU	Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)	
	System Memory	1 x 204-pin DDR3L-1333 MHz SO-DIMM max. up to 8 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or mSATA	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated in Intel® GFX	

I/O Connector	2 x RS-232/422-485 (default RS-232, COM 1/2)	
	2 x 10/100/1000Mbps Ethernet (Intel® i210IT)	
	2 x USB 2.0	
	2 x USB 3.0	
	1 x Audio (Line-out)	
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA	
	1 x Full-size PCI Express Mini Card with SIM slot	
Touchscreen	Resistive type	
Power Supply	DC version: 9-36VDC with over-current protection fuse     AC version: 100-240V AC-DC 60W power adapter	
Dimension	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D)	
	x 235.8 mm (9.28") (H)	
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D)	
-	x 315 mm (12.4") (H)	
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	
Environment	Operating temperature:	
	0° ~ +50°C (+32°F ~ +122°F)	
	(with W.T. DRAM/HDD in airflow condition)	
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD)	
	Storage Temperature:	
	0° ~ +50°C (+32°F ~ +122°F) (in airflow condition)	
	Relative humidity:	
	20% ~ 90% @ 40°C; non-condensing	
	Operation vibration:	
	2G, 5~500Hz, random for CFast™	
Certificate	CE	

# **Ordering Information**

GOT5100T-834-J	10.1" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B	
GOT5100T-834-DC	10.1" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36VDC power input(terminal block connector)	
GOT5100T-834-XGA-J	10.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B	
GOT5100T-834-XGA-DC	10.1" XGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36VDC power input(terminal block connector)	
* Specification and certifications are based on options and may vary.		

# **Optional EOS Installation**

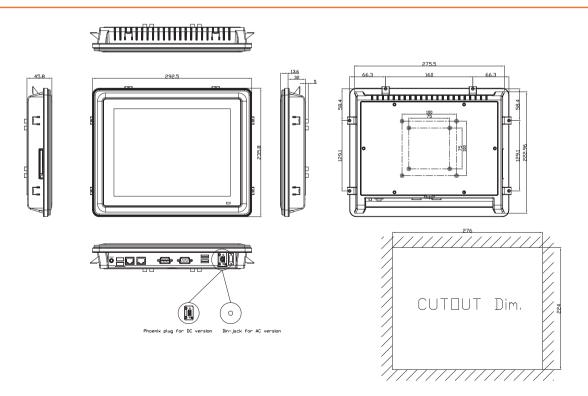
WES 7	
WE8S	

# **Optional OS Installation**

Windows® 7 Windows® 8.1



# **Dimensions**



Overview

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

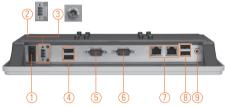
Solutions

Open Frame Panel

# GOT5100T-832

10.4" SVGATFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600





- 1. Power switch
- 2. Terminal block for DC power input
- or 3. Screw conn. w/ AC power adapter
- 4. USB 2.0 x 2
- 5. COM 1 (RS-232/422/485)
- 6. COM 2 (RS-232)
- 7. Fthernet x 2
- 8. USB 2.0 x 2
- 9. Audio (Line-out)

# Features

- 10.4" SVGA TFT LCD display with LED backlight
- Fanless design with Intel® Atom™ processor N2600 2 cores
   @1.6 GHz
- Supports WLAN module & internal antenna
- Supports 2 Gigabit LAN, 4 USB 2.0 & 2 COM ports
- Supports optional panel mount, wall mount, VESA arm and desktop stand
- Plastic and IP65-rated front bezel
- Supports RFID (optional)





▲ Deskton stand













# Introduction

The GOT5100T-832 is a 10.4" Intel® Atom™-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 10.4" TFT LCD as well as Intel® Atom™ processor N2600 1.6 GHz. For wireless network connection, the GOT5100T-832 offers a PCle Mini Card slot. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (10–30VDC) with terminal block connector, and another is AC power adapter with screw type connector.

#### Super slim & ultra lightweight design

The GOT5100T-832 is a super slim touch panel computer for space-limited environment with its thickness of 45.8 mm and weight of 1.8 kg only, which make it installed everywhere.

# Built-in internal WLAN antenna

The GOT5100T-832 provides a PCIe Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5100T-832 in a wireless LAN/GPRS/GSM /4G environments.

#### Excellent thermal solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5100T-832 can dissipate the heat easily and keep the system operation stable

Front Bezel	IP65, NEMA 4 rugged	IP65, NEMA 4 rugged protection, plastic front bezel		
LCD Panel	Display Type	10.4" SVGA TFT LCD		
	Brightness (cd/m²)	400 nits		
	Resolution	800 x 600		
	Viewing Angel (H/V)	140°/120°		
Main System	CPU	Intel® Atom™ processor N2600 2 cores @1.6 GHz		
	Chipset	Intel® NM10 Express		
	System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM up to 2 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™		
	Watchdog Timer	255 levels, 0~255 sec.		
	Onboard Graphics	Integrated in Intel® GFX		

I/O Connector	1 x RS-232/422/485 (default RS-232, COM 1)
	1 x RS-232 (COM 2)
	2 x 10/100/1000Mbps Ethernet
	4 x USB 2.0
	1 x Audio (Line-out)
Expansion Interface	1 x PCle Mini Card
Touchscreen	Resistive type
Power Supply	1. DC version: 10~30VDC with over-current protection fuse 2. AC version: 100-240V AC-DC 60W power adapter
Dimension	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D)
	x 235.8 mm (9.28") (H)
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D)
	x 315 mm (12.4") (H)
Weight (net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)
Environment	Operating temperature:
	0° ~ +50°C (+32°F ~ +122°F)
	(with W.T. DRAM/HDD in airflow condition)
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM/HDD)
	Storage Temperature:
	$0^{\circ} \sim +50^{\circ}\text{C} \text{ (+32°F} \sim +122°F) \text{ (in airflow condition)}$
	Relative humidity:
	20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2G, 5~500Hz, random for CompactFlash™
Certificate	UL60950-1, CE

# **Ordering Information**

G0T5100T-832-J	8.4" SVGA fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5100T-832-DC	8.4" SVGA fanless touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen and 10~30VDC power input(terminal block connector)

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional EOS Installation**

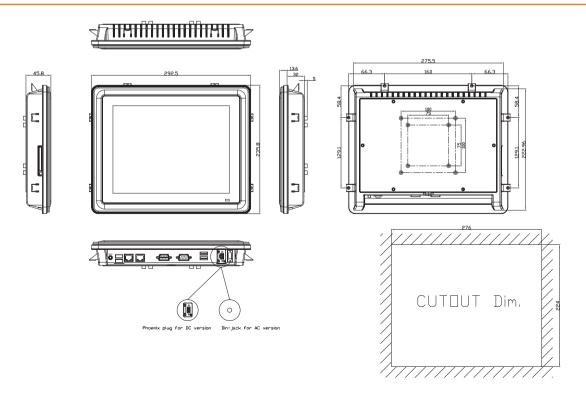
WES	
WES 7	

# **Optional OS Installation**

Windows® XP	
Windows® 7	



# **Dimensions**



Overview

Touch Panel

Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel

Computers

Healthcare & Medical

Solutions

Open Frame Panel

# GOT5103W-845

10.1" WXGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor N3060 (up to 2.48 GHz)



















# Introduction

The GOT5103W-845 is a 10.1" Intel® Celeron® processor fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 10.1" TFT LCD as well as Intel® Celeron® processor N3060 2 cores up to 2.48 GHz. For wireless network connection, the GOT5103W-845 offers 2 PCle Mini Card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (12V default, 24V or 24V or 9~36V optional) with terminal block connector, and another is AC power adapter with screw type connector.

# Slim & lightweight design

The GOT5103W-845 is slim and lightweight which make it fit for limited space installation

#### **Built-in internal WLAN antenna**

The GOT5103W-845 provides 2 PCIe Mini Card slots and optional internal WLAN antennas for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5103W-845 in wireless LAN/GPRS/GPS/4G environment.

#### Support front membrane keys

The GOT5103W-845 provides 5 membrane keys in front of system, people can adjust the system display, volume and brightness.

# Features

- 10.1" WXGA wide screen TFT LCD display with LED backlight
- Supports 10.1" projected capacitive multi-touch
- Fanless design with Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
- Supports mSATA & Half-slim SATA SSD (optional)
- Supports 2 Gigabit LAN, 4 USB, 2 COM ports and optional 2W speakers
- IP65 front bezel and IPX1 full enclosure design
- Supports optional Panel mount/VESA arm/desktop stand/ wall mount
- Supports external AT/ATX mode selection switch



Front Bezel	IP65, NEMA 4 rugge	IP65, NEMA 4 rugged protection, plastic front bezel		
LCD Panel	Display Type	10.1" WXGA TFT LCD withg LED backlight		
	Brightness (cd/m²)	350 nits		
	Resolution	1280 x 800		
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)		
	System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x Half-slim SATA SSD (optional) 1 x mSATA		
	Watchdog Timer	255 levels, 0~255 sec.		
	Onboard Graphics	Integrated Intel® HD GFX		

•	
I/O Connector	1 x RS-232 (COM 2)
	1 x RS-232-422-485 (default RS-232, COM 1)
	1 x HDMI
	1 x Switch for power on/off
	1 x AT/ATX mode selection switch
	2 x USB 2.0 (optional)
	2 x USB 3.0
	1 x Audio (Line-out)
	2 x 10/100/1000Mbps Ethernet (Intel® i211AT)
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA supported 1 x Full-size PCI Express Mini Card with SIM slot
Touchscreen	Projected Capacitive multi-touch
Power Supply	1. DC version: 12VDC (default) or
	2. DC version: 9-36VDC with over current protection fuse
	(optional) or
	3. DC version: 24VDC over current protection fuse(optional)
	or
	4. AC version: 100~240V AC-DC 36W power adapter
Dimensions	260.8 mm (10.27") (W) x 38 mm (1.50" (D) x 194.1 mm (7.65") (H)
Packing Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)
	Storage Temperature: 0° ~ +50°C (+32°F ~ +122°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2 G, 10 ~ 500Hz, random for SSD
Certificate	CE
* M/T · Mido Tomporaturo	All M/T augnorted products have to be corted by Aviemtels

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT5103W-845-PCT-J	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen, AC-DC 36W power adapter (screw type connector) and EMI class B
GOT5103W-845-PCT-DC	10.1" WXGA fanless touch panel computer with Intel® Celeron® processor N3060, projected capactive multi-touch screen and 12VDC power input (terminal block connector)

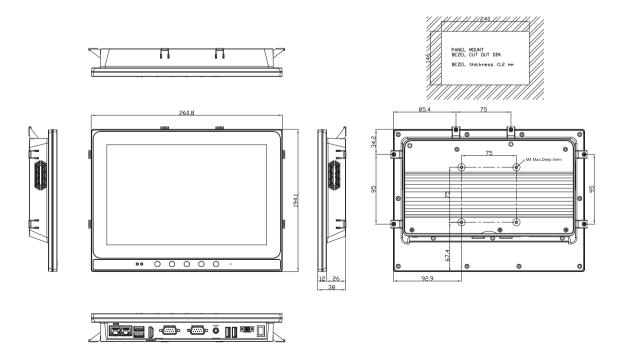
# **Optional EOS Installation**

WES7 (64-bit)			
WE8S (64-bit)			

# **Optional OS Installation**

Windows® 7 (64-bit)	
Windows® 8.1 (64-bit)	
Windows® 10	

# **Dimensions**



Overview

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

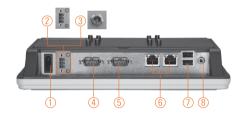
Solutions

Open Frame Panel

# GOT5840T-834

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz)





- 1. Power switch (ATX)
- 2. Terminal block for DC power input or
- or 3. Screw conn. w/ AC power adapter
- 4. COM 1 (RS-232/422/485)
- 5. COM 2 (RS-232/422/485)

# **Features**

- 8.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Celeron® processor J1900 (up to 2.42 GHz)
- Ultra slim and super light design
- Supports WLAN module & internal antenna
- Easy for expansion: PCle Mini Cards
- Supports 2 Gigabit LAN, 2 USB & 2 COM ports
- Supports panel mount, wall mount, VESA arm and desktop stand
- Plastic and IP65-rated front bezel





▲ Deskton stand











6. Ethernet x 2

7. USB 3.0 x 2

8. Audio (Line-out)

# Introduction

The GOT5840T-834 is a 8.4" Intel® Celeron® based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 8.4" TFT LCD as well as Intel® Celeron® processor J1900 (Bay Trail). For wireless network connection, the GOT5840T-834 offers 2 mini card slots. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9-36VDC) with terminal block connector, and anotheris AC power adapter with screw type connector.

#### Super slim & ultra lightweight design

The GOT5840T-834 is a super slim touch panel computer for space-limited environment with its thickness of 45 mm and weight of 1.3 kg only, which make it installed everywhere.

# Built-in internal WLAN antenna

The GOT5840T-834 provides 2 PCIe Mini Card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5840T-834 in a wireless LAN/GPRS/GSM/4G environments.

#### Excellent thermo solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5840T-834 can dissipate the heat easily and keep the system operation stable.

IP65, NEMA 4 rugged protection, plastic front bezel		
Display Type	8.4" SVGA TFT LCD with LED	
	backlight	
Brightness (cd/m²)	350 nits	
Resolution	800 x 600	
Viewing Angel (H/V)	160°/140°	
CPU	Intel® Celeron® processor J1900	
	4 cores (up to 2.42 GHz)	
System	1 x 204-pin DDR3L-1333 MHz	
Memory	SO-DIMM max. up to 8 GB	
BIOS	AMI UEFI BIOS	
Storage	1 x CFast™ or mSATA	
Watchdog Timer	255 levels, 0~255 sec.	
Onboard Graphics	Integrated in Intel® GFX	
	Display Type  Brightness (cd/m²) Resolution Viewing Angel (H/V) CPU  System Memory BIOS Storage Watchdog Timer	

I/O Connector	2 x RS-232/422/485 (default RS-232, COM 1/2)
i/ O Odililoctol	2 x USB 3.0
	2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
	1 x Audio (Line-out)
Europaian Interfesa	
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA 1 x Full-size PCI Express Mini Card with SIM slot
T .	·
Touchscreen	Resistive type
Power Input	<ol> <li>DC version: 9~36VDC with over-current protection fuse</li> </ol>
	2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	250.7 mm (9.87") (W) x 45.8 mm (1.80") (D)
	x 204.7 mm (8.06") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D)
	x 280 mm (11.02") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/ 2.25 kg (4.96 lb)
Environment	Operating temperature:
	0° ~ +50°C (+32°F ~ +122°F)
	(with W.T. DRAM/HDD in airflow condition)
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM)
	Storage Temperature:
	$0^{\circ} \sim +50^{\circ}\text{C} \text{ (+32°F} \sim +122°F) \text{ (in airflow condition)}$
	Relative humidity:
	20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2G, 5~500Hz, random for CFast™
Certificate	CE

# **Ordering Information**

G0T5840T-834-J	8.4" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, AC-DC 60W power adapter (screw type connector) and EMI class B
GOT5840T-834-DC	8.4" SVGA fanless touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen and 9-36VDC power input(terminal block connector)

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional EOS Installation**

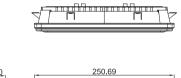
WES 7	
WEBS	

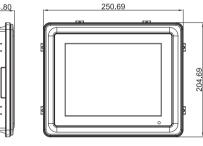
# **Optional OS Installation**

Windows® 7		
Windows® 8.1		

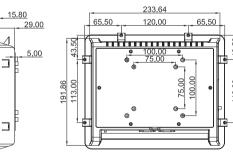


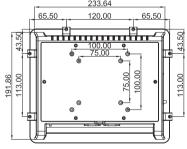
# **Dimensions**

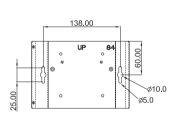


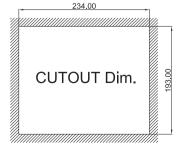












Overview



Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



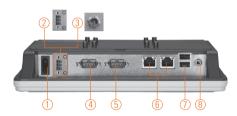
Open Frame Panel



# GOT5840T-832

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600





- 1. Power switch (ATX)
- 2. Terminal block for DC power input or
- or 3. Screw conn. w/ AC power adapter
- 4. COM 1 (RS-232/422/485)
- 5. COM 2 (RS-232)

- Fa @ • Ul
- Features
- 8.4" SVGA TFT LCD with LED backlight
  - Fanless design with Intel® Atom™ processor N2600 2 cores
     @1.6 GHz
  - Ultra slim design: thickness 45 mm
  - Super light weight: 1.3 kg
  - Easy for expansion: PCle Mini Card
  - Supports optional panel mount, wall mount, VESA arm and desktop stand
  - Over-current protection fuse
  - Plastic and IP65-rated front bezel





▲ Desktop stand













6. Ethernet x 2

7. USB 2.0 x 2

8. Audio (Line-out)

# Introduction

The GOT5840T-832 is a 8.4\* Intel® Atom™-based fanless touch panel computer. In response to market demand, this panel computer is a cost effective solution. It adopts a modern, super sleek and fanless design and is equipped with a 8.4\* TFT LCD as well as Intel® Atom™ processor N2600 1.6 GHz. For wireless network connection, the GOT5840T-832 offers a PCle Mini Card slot. By just plugging in the mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (10-30VDC) with terminal block connector, and another is AC power adapter with screw type connector.

#### Super slim & ultra lightweight design

The GOT5840T-832 is a super slim touch panel computer for space-limited environment with its thickness of 45 mm and weight of 1.3 kg only, which make it installed everywhere.

# Built-in internal WLAN antenna

The GOT5840T-832 provides a PCIe Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the GOT5840T-832 in a wireless LAN/GPRS/ GSM/4G environments.

#### Excellent thermo solution: aluminum back chassis

With Axiomtek's patent for plastic plus aluminum mechanism design, the GOT5840T-832 can dissipate the heat easily and keep the system operation stable.

Front Bezel	IP65, NEMA 4 rugged	IP65, NEMA 4 rugged protection, plastic front bezel		
LCD Panel	Display Type	8.4" SVGA TFT LCD with LED backlight		
	Brightness (cd/m²)	350 nits		
	Resolution	800 x 600		
	Viewing Angel (H/V)	160°/140°		
Main System	CPU	Intel® Atom™ processor N2600 2 cores @1.6 GHz		
	Chipset	Intel® NM10 Express		
	System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 2 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x CompactFlash™		
	Watchdog Timer	255 levels, 0~255 sec.		
	Onboard Graphics	Integrated in Intel® GFX		

I/O Connector	1 x RS-232 (COM 2)
	1 x RS-232/422/485 (default RS-232, COM 1)
	2 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
	1 x Audio (Line-out)
Expansion Interface	1 x PCle Mini Card
Touchscreen	Resistive type
Power Input	1. DC version: 10~30VDC with over-current protection fuse
	2. AC version: 100-240V AC-DC 60W power adapter
Dimensions	250.7 mm (9.87") (W) x 45.8 mm (1.80") (D)
	x 204.7 mm (8.06") (H)
Packing Dimensions	380 mm (14.96") (W) x 100 mm (3.94") (D)
	x 280 mm (11.02") (H)
Weight (net/gross)	1.3 kg (2.87 lb)/ 2.25 kg (4.96 lb)
Environment	Operating temperature:
	0° ~ +50°C (+32°F ~ +122°F)
	(with W.T. DRAM/HDD in airflow condition)
	0° ~ +45°C (+32°F ~ +113°F) (with W.T. DRAM)
	Storage Temperature:
	$0^{\circ} \sim +50^{\circ}\text{C} \text{ (+32°F} \sim +122°F) \text{ (in airflow condition)}$
	Relative humidity:
	20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2G, 5~500Hz, random for CompactFlash™
Certificate	UL60950-1, CE

#### **Ordering Information**

GOT5840T-832-DC	8.4" SVGA Intel® Atom™ N2600 fanless touch panel computer with terminal block connector
G0T5840T-832-J	8.4" SVGA Intel® Atom™ N2600 fanless touch panel computer with screw type connector & AC-DC 60W power adapter EMI class B

<sup>\*</sup> Specification and certifications are based on options and may vary.

#### **Optional EOS Installation**

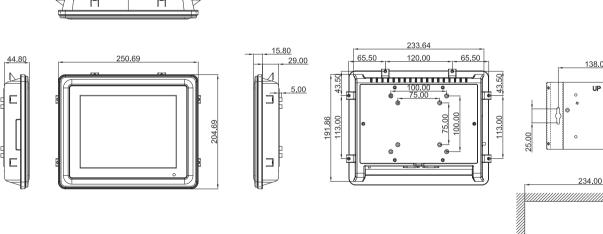
WES			
WES7			

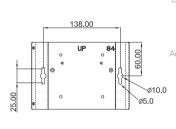
#### **Optional OS Installation**

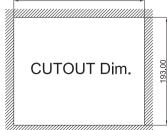
Windows® XP	
Windows® 7	



#### **Dimensions**







Overview

1

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Open Frame Panel Computers



# 2

## Heavy-duty Fanless Touch Panel Computers

Axiomtek's heavy-duty solution is specially designed for harsh operating environments. The GOT3000 has a wide operating temperature range of -20°C  $\sim$  +55°C, IP65-rated seal, excellent thermal resistance and built-in fuse to protect the system from over-current. The GOT800 integrates an IP66-rated Stainless housing with sunlight readable technology and wide operating temperature from -20°C  $\sim$  +55°C. It is best suited for dusty or wet spaces in food factories or kitchen, and low-temperature environments in cold storage warehouses. The GOT700 is an EN50155 certificate touch panel computer solution with alternative keypad and high brightness LCD for rolling stock.

		Introduction		517
		Selection Guide		518
		GOT3217W-881-PCT	21.5" Full HD TFT Fanless Multi-Touch Panel Computer with LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C ~ +40°C)	525
		GOT3187W-881-PCT	18.5" WXGA TFT Fanless Multi-Touch Panel Computer with LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor (0°C ~ +40°C)	527
		GOT3187W-834-PCT	18.5" WXGA TFT Multi-Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)	529
TAIL EXC 201	MAN ELLENCE 14	GOT3187W-832-PCT	18.5" WXGA TFT Fanless Multi-Touch Panel Computer with Intel® Atom™ Processor D2550 (-10°C ~ +50°C)	531
		GOT3187W-111-PCT	18.5" WXGA TFT Fanless Multi-Touch Panel Computer with AMD G Series Processor T56N (-10°C ~ +45°C)	533
(1	IEW	GOT3177T-891-PCT	17" XGA TFT Fanless Multi-Touch Panel Computer with 6th Generation Intel® Core™ Processor and Intel® Q170 (-10°C ~ +40°C)	535
		GOT3177T-834	17" SXGA TFT Flat Front Bezel Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)	537
N	IEW	GOT3157W-881-PCT	15.6" WXGA TFT Fanless Multi-Touch Panel Computer with Intel® Core™ Processor with Intel® H81 (-10°C ~ +40°C)	539
		GOT3157W-834-PCT	15.6" WXGA TFT Fanless Multi-Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)	541
		GOT3157W-832-PCT	15.6" WXGA TFT Fanless Multi-Touch Panel Computer with Intel® Atom™ Processor (-10°C ~ +50°C)	543
N	IEW	GOT3157W-111-PCT	15.6 WXGA TFT Fanless Multi-Touch Panel Computer with AMD G Series Processor T56N (-10°C ~ +45°C)	545
(N	IEW	GOT3156T-834	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom $^{TM}$ Processor E3827 (-20°C $\sim$ +55°C)	547
		GOT3156T-832	15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor (-20°C $\sim$ +55°C)	549

## www.axiomtek.com Touch Panel Computers

			with Intel® Celeron® Processor E3827 (-20°C +55°C)	
		GOT3126T-832	12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor N2600 (-20°C +55°C)	553
		GOT3106T-832	10.4" SVGA TFT Extend Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor N2600 (-20°C +55°C)	555
		GOT3846T-832	8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600 (-20°C ~ +55°C)	557
		GOT-3840TL	8.4" SVGA TFT Cost-effective Fanless Touch Panel Computer	559
N	EW	GOT817-834	17" SXGA TFT IP66-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Flat Bezel Design and Intel® Atom™ Processor E3827 (-20°C ~ +55°C)	561
TAIWAN EXCELLENCE 2016	EW	GOT815-834	15" XGA TFT IP66-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Flat Bezel Design and Intel® Atom™ Processor E3827 (-20°C ~ +55°C)	563
		GOT812LR-834	12.1" XGA TFT IP66-rated Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 and High Brightness (-20°C ~ +55°C)	565
		GOT812LR-832	12.1" XGA TFT IP66-rated Fanless Touch Panel Computer with Intel® Atom™ Processor N2600 and High Brightness (-20°C ~ +55°C)	567
N	EW	GOT712-837	12.1" XGA EN50155 Railway Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-25°C ~ +70°C)	569
N	EW	GOT710-837	10.4" SVGA EN50155 Railway Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-25°C ~ +70°C)	571

GOT3126T-834 12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer 551

## 0

## Heavy-duty Fanless Touch Panel Computers

#### **GOT3000 Series for Industrial Automation in Wide-temperature Environment**

The GOT3000 series is designed for heavy-duty and critical temperature environments such as steel refineries and cotton factories. It has a wide operating temperature range of -20°C ~ +55°C, IP65-rated seal and a built-in fuse to protect the system from over-current. This series also features low power Intel® Atom™ processor D2550/N2600/Z510/E3827 & Celeron® J1900 to provide excellent system performance and thermal resistance. The anti-vibration design allows the system to work well under 2G in operation mode.

#### **GOT800 Series for Heavy-duty Application**

The GOT800 series is specifically designed for harsh operating environments such as dusty or wet spaces in food factories or kitchens, and low-temperature environments in cold storage warehouses. This series integrated an IP66-rated and IP69K-rated housing with sunlight readable technology, wide operating temperature from -20°C to +55°C and an optional 802.11a/b/g/n wireless support.

#### **GOT700 Series for Rolling-Stock Application**

The GOT700 series is used to keep the train driver informed about the status of the train's functions. Its design allows it to be deployed in environment with an extended temperature (-25°C ~ 70°C) and it also complies with the EMC, shock and vibration test requirements of European standard EN50155 for railway applications. GOT710-837 is equipped with 10.4" TFT ruggedized touch panel computer and all lockable connectors are perfect choice for Human Machine Interface(HMI) in railway environments. GOT700 series includes a comprehensive feature set with one CAN Bus, DIO, audio, two Ethernet ports, USB ports and RS-232/422/485.

#### Features:

- Extended operating temperature range
  - The GOT series adopts the unique technology of extended operating temperature and fanless cooling system for harsh environments.
  - GOT700 Series: -25°C ~ +70°C (-13°F ~ +158°F)
  - GOT800 Series: -20°C ~ +55°C (-4°F ~ +131°F)
  - GOT3000 Series:

Intel® Core™ CPU: 0°C ~ +40°C (+32°F ~ +104°F)
Intel® Celeron® CPU: -10°C ~ +50°C (+14°F ~ +122°F)
Intel® Atom™ CPU: -20°C ~ +55°C (-4°F ~ +131°F)
AMD G Series CPU: -10°C ~ +45°C (+14°F ~ +113°F)

- NEMA 4X compliant design
  - The GOT series features a stainless and IP65 & IP66 water-proof front bezel, so the enclosure offers total protection against falling water and can be easily cleaned by high pressure water jets.
- High brightness LCD

The GOT series adopts a high brightness LCD which is sunlight readable even under strong sunlight, in locations such as the zoo, parking lot, etc. Powering by LED backlight LCD, this series features power saving and longer MTBF.

#### **Major Features**



▲ IP66 waterproof design



▲ Outdoor application



▲ Rolling-Stock Application



▲ NEMA 4X compliant



▲ Extended temperature supported: -20°C ~ +55°C



▲ Suited for harsh environments

## Heavy-duty Fanless Touch Panel Computers

Selection Guide







Overview

Fanless Touch Panel Computers

(2) Heavy-duty Fanless Touch Panel Computers

> Industrial Computers

Industrial Touch

	Page 525	Page 527	Page 529	
Features Wodels	GOT3217W-881-PCT	GOT3187W-881-PCT	GOT3187W-834-PCT	
CPU Level	Intel® Core™ i7/i5/i3, Celeron® & Pentium®	Intel® Core™ i7/i5/i3, Celeron® & Pentium®	Intel® Celeron® J1900 4C @2.0 GHz (up to 2.42 GHz)	
Chipset	Intel® H81	Intel® H81	SoC Integrated	
System Memory	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM max. up to 8 GB	
Display	21.5" TFT, FHD, 250 nits	18.5" TFT, WXGA, 300 nits	18.5" TFT, WXGA, 300 nits	
1/0	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Line out/1 x MIC-in 1 x HDMI	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Line out/1 x MIC-in 1 x HDMI	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line out)	
Storage	1 x 2.5" HDD 1 x CFast™ 1 x mSATA	1 x 2.5* HDD 1x CFast™ 1 x mSATA	1 x 2.5"" HDD 1 x CFast™ or mSATA	
Expansion Interface	2 x PCle Mini Card	2 x PCle Mini Card	2 x PCle Mini Card	
Touchscreen	Capacitive multi-touch	Capacitive multi-touch	Capacitive multi-touch	
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7, Linux	Windows® 8.1, WE8S, Windows® 7, WES 7, Linux	Windows® 8.1, WE8S, Windows® 7, WES 7	
Power Supply	19VDC with adapter	19VDC with adapter	9~36VDC	
Power Consumption	112W	109W	49W	
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	
Dimensions (W x D x H)	547.6 x 339.0 x 89.0 mm (21.56" x 13.35" x 3.50")	460 x 89.5 x 285 mm (18.1" x 3.5" x 11.2")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	
Weight (net/gross)	7.1 kg (15.65 lb)/9.5 kg (20.94 lb)	6.3 kg (13.9 lb)/8.7 kg (19.18 lb)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)	0°C ~ +40°C (+32°F ~ +104°F)	-10°C ~ +50°C (+14°F ~ +122°F)	
Wide Temperature	N/A	N/A	Yes	
Certificate	CE	CE	CE	

Infotainment Touch Panel Computers Healthcare & Medical Solutions Open Frame Panel Accessories

## Heavy-duty Fanless Touch Panel Computers









	Page 531	Page 533	Page 535	Page 537
Features\Models	GOT3187W-832-PCT	GOT3187W-111-PCT	GOT3177T-891-PCT	GOT3177T-834-FR
CPU Level	Intel® Atom™ D2550 2C @ 1.86 GHz	AMD G series T56N 2C @ 1.65GHz	Intel® Core™ i7/i5/i3, Celeron® & Pentium®	Intel® Celeron® J1900 4C @2.0 GHz (up to 2.42 GHz)
Chipset	Intel® NM10	AMD A50M FCH	Intel® Q170	SoC Integrated
System Memory	1 x 204-pin DDR3-800/1066 MHz SO-DIMM max. up to 4 GB	1 x 204-pin DDR3-1066/1333 MHz SO-DIMM max. up to 4 GB	2 x 260-pin DDR4-2166 MHz SO-DIMM max. up to 32 GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM max. up to 8 GB
Display	18.5" TFT, WXGA, 300 nits	18.5" TFT, WXGA, 300 nits	21.5" TFT, SXGA, 350 nits	17" TFT, SXGA, 350 nits
1/0	1 x RS-232/422/485 (COM 1) 1 x RS-232 (COM 2) 2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio (Lint-out)	1 x RS-232/422/485 (COM1) 1 x RS-232 (COM2) 2 x10/100/1000 Mbps Ethernet 1x VGA 4 x USB 2.0 1 x Audio (Lint-out	2 x RS-232/422/485 (default RS-232) 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Line-out) 4 x USB 3.0 1 x HDMI	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line out)
Storage	1 x 2.5" HDD 1 x CompactFlash™	1 x 2.5" HDD 1 x CompactFlash™	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5"" HDD 1 x CFast™ or mSATA
Expansion Interface	1 x PCIe Mini Card	1 x PCle Mini Card	2 x PCle Mini Card	2 x PCle Mini Card
Touchscreen	Capacitive multi-touch	Capacitive multi-touch	Capacitive multi-touch	Flat resistive type
Operating System	Windows® XP, WES, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S, Linux	Windows® 10, Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	10~30VDC	10~30VDC 12VDC with 60W adapter	19VDC with adapter	9~36VDC
Power Consumption	47W	63W	TBD	50W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	460.8 x 58.5 x 285 mm (18.11" x 2.3" x 11.22")	TBD	398.02 x 59.9 x 330.44 mm (15.64" x 2.36" x13.01")
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	5.4 kg (11.9 lb)/7.8 kg (17.2 lb)	TBD	4.8 kg (10.6 lb)/7.1 kg (15.67 lb)
Operating Temperature	-10°C ~ +50°C (+14°F ~ +122°F)	-10°C ~ +45°C (+14°F ~ +113°F)	0°C ~ +40°C (+32°F ~ +104°F)	-10°C ~ +50°C (+14°F ~ 122°F)
Wide Temperature	Yes	Yes	N/A	Yes
Certificate	CE	CE	CE	CE





Page 539







Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

ge 543	Page 545

Features Wodels	GOT3157W-881-PCT	GOT3157W-834-PCT	GOT3157W-832-PCT	GOT3157W-111-PCT
CPU Level	Intel® Core™ i7/i5/i3, Celeron® & Pentium®	Intel® Celeron® J1900 4C @2.0 GHz (up to 2.42 GHz)	Intel® Atom™ D2550 2C @ 1.86 GHz	AMD G series T56N 2C @ 1.65GHz
Chipset	Intel® H81	SoC Integrated	Intel® NM10	AMD A50M FCH
System Memory	1 x 204-pin DDR3-1333/1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3-800/1066 MHz SO-DIMM max. up to 4 GB	1x 204-pin DDR3-1066/1333 MHz SO-DIMM max. up to 4 GB
Display	15.6" TFT, WXGA, 300 nits	15.6" TFT, WXGA, 300 nits	15.6" TFT, WXGA, 300 nits	15.6" TFT, WXGA, 300 nits
I/O	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Line out/1 x MIC-in 1 x HDMI	2 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line out)	1 x RS-232/422/485 (COM 1) 1 x RS-232 (COM 2) 2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio (Lint-out)	1 x RS-232/422/485 (COM1) 1 x RS-232 (COM 2) 2 x10/100/1000 Mbps Ethernet 1x VGA 4 x USB 2.0 1 x Audio (Lint-out)
Storage	1 x 2.5" HDD 1x CFast™ 1 x mSATA	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™	1 x 2.5" HDD 1 x CompactFlash™
Expansion Interface	2 x PCle Mini Card	2 x PCIe Mini Card	1 x PCIe Mini Card	1 x PCle Mini Card
Touchscreen	Capacitive multi-touch	Capacitive multi-touch	Capacitive multi-touch	Capacitive multi-touch
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7, Linux	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, WES, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S, Linux
Power Supply	19VDC with 120W adapter	9~36VDC	10~30VDC	10~30VDC 12VDC with 60W adapter
Power Consumption	100W	45W	37W	51W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	396.8 x 89.5 x 247.1 mm (15.6" x 3.5"x 9.73")	396.8 x 59.4 x 247.1 mm (15.6" x 2.12"x 9.73")	396 x 53.9 x 247.1 mm (15.6" x 2.12" x 9.73")	396 x 53.9 x 247.1mm (15.6" x 2.12" x 9.73")
Weight (net/gross)	5.5 kg (12.13 lb)/7.5 kg (16.53 lb)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)
Operating Temperature	0°C ~ +40°C (+32°F ~ +104°F)	-10°C ~ +50°C (+14°F ~ +122°F)	-10°C ~ +50°C (+14°F ~ +122°F)	-10°C ~ +45°C (+14°F ~ +113°F)
Wide Temperature	N/A	Yes	Yes	Yes
Certificate	CE	CE	CE	CE

520

## Heavy-duty Fanless Touch Panel Computers

Selection Guide









	Page 547	Page 549	Page 551	Page 553
Features Wodels	GOT3156T-834	GOT3156T-832	GOT3126T-834	GOT3126T-832
CPU Level	Intel® Atom™ E3827 2C @ 1.75 GHz	Intel® Atom™ N2600 2C @ 1.6 GHz	Intel® Atom™ E3827 2C @ 1.75 GHz	Intel® Atom™ N2600 2C @ 1.6 GHz
Chipset	SoC Integrated	Intel® NM10	SoC Integrated	Intel® NM10
System Memory	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3-800/1066 MHz SO-DIMM max. up to 2 GB	1 x 204-pin DDR3L-1333/1600 MHz SO-DIMM max. up to 8 GB	1 x 204-pin DDR3-800/1066 MHz SO-DIMM max. up to 2 GB
Display	15" TFT, XGA, 400 nits	15" TFT, XGA, 400 nits	12.1" TFT, XGA, 600 nits	12.1" TFT, SVGA, 500 nits
I/O	4 x RS-232/422/485 2 x 10/100/1000 Mbps 2 x USB3.0 2 x USB2.0 1 x Audio(Line out) 1 x VGA	3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA	3 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio(Line out) 1 x VGA	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" HDD 1 x CFast™ or mSATA	1 x 2.5" SATA HDD 1 x CompactFlash™	1 x 2.5"" HDD 1 x CFast™ or mSATA	1 x 2.5" HDD 1 x CompactFlash™
Expansion Interface	2 x PCle Mini Card	1 x PCIe Mini Card	2 x PCle Mini Card	1 x PCIe Mini Card
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7
Power Supply	9~36VDC	10~30VDC	9~36VDC	10~30VDC
Power Consumption	40W	32W	36W	36W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	377.9 x 60.7 x 309.3 mm (14.89" x 2.39" x 12.17")	378 x 60.7 x 309 mm (14.89" x 2.39" x 12.17")	311.5 x 56.9 x 250 mm (12.21" x 2.23" x 9.8")	311.5 x 56.9 x 250 mm (12.21" x 2.23" x 9.8")
Weight (net/gross)	4.2 kg (9.26 lb)/6.8 kg (14.99 lb)	4.2 kg (9.26 lb)/6.8 kg (14.99 lb)	2.8 kg (6.17 lb)/5 kg (11.02 lb)	2.8 kg (6.17 lb)/5 kg (11.02 lb)
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F)	-20°C ~ +55°C (-4°F ~ +131°F)	-20°C ~ +55°C (-4°F ~ +131°F)	-20°C ~ +55°C (-4°F ~ +131°F)
Wide Temperature	Yes	Yes	Yes	Yes
Certificate	CE	CE	CE	CE









Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

Page 559

Features Wodels	GOT3106T-832	GOT3846T-832	GOT-3840TL	
CPU Level	Intel® Atom™ N2600 2C @ 1.6 GHz	Intel® Atom™ N2600 2C @ 1.6 GHz	AMD LX800 500 MHz	
Chipset	Intel® NM10	Intel® NM10	AMD LX + CS5536AD + ITE8888G	
System Memory	1 x 204-pin DDR3-800/1066 MHz SO-DIMM max. up to 2 GB	1 x 204-pin DDR3-800/1066 MHz SO-DIMM max. up to 2 GB	1 x 200-pin DDR SO-DIMM max. up to 1 GB	
Display	10.4" TFT, SVGA, 400 nits	8.4" TFT, SVGA, 450 nits	8.4 TFT, SVGA, 250 nits	
1/0	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA	1 x RS-232/422/485 (COM 1) 3 x RS-232 (COM 2/3/4) 2 x 10/100/1000 Mbps Ethernet 4 x USB 2.0 1 x Audio (Line-out) 1 x VGA	2 x RS-232 (COM 2/3) 1 x RS-232/4/22/485 (COM 1) 2 x 10/100 Mbps Ethernet 2 x USB 2.0 1 x PS/2 keyboard/mouse 1 x Audio (Line-out) 1 x VGA	
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™	1 x 2.5" HDD 1 x CompactFlash™	1 x 2.5" HDD 1 x CompactFlash™	
Expansion Interface	1 x PCle Mini Card	1 x PCIe Mini Card	1 x MiniPCI 1 x PC/104	
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type	
Operating System	Windows® XP, XPe, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7	Windows® XP, XPE, WinCE.NET	
Power Supply	10~30VDC	10~30VDC	16~28VDC	
Power Consumption	35W	42W	48W	
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.	
Dimensions (W x D x H)	223.55 x 63.09 x 277 mm (8.76" x 2.47" x 10.86")	248 x 58.3 x 183 mm (9.76" x 2.29" x 7.2")	280 x 69.3 x 200 mm (11.02" x 2.73" x 7.87")	
Weight (net/gross)	2.4 kg (5.29 lb)/3.8 kg (8.38 lb)	3.4 kg (7.49 lb)/5.8 kg (12.78 lb)	3.5 kg (7.7 lb)/4.2 kg (9.26 lb)	
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F)	-20°C ~ +55°C (-4°F ~ +131°F)	0°C ~ +50°C (32°F ~ +122°F)	
Wide Temperature	Yes	Yes	Yes	
Certificate	CE	CE	CE	

## Heavy-duty Fanless Touch Panel Computers

Selection Guide











	Page 561	Page 563	Page 565	Page 567
Features Wodels	GOT817-834	GOT815-834	GOT812LR-834	GOT812LR-832
CPU Level	Intel® Atom™ E3827 (1.75 GHz)	Intel® Atom™ E3827 (1.75 GHz)	Intel® Atom™ E3827 (1.75 GHz)	Intel® Atom™ N2600 1.6GHz
Chipset	SoC Intergrated	SoC Intergrated	SoC Intergrated	Intel® NM10
System Memory	2 x 204-pin SO-DIMM dual channel DDR3L-1333, max. up to 8 GB	2 x 204-pin SO-DIMM dual channel DDR3L-1333, max. up to 8 GB	2 x 204-pin SO-DIMM dual channel DDR3L-1333, max. up to 8 GB	1 x 204-pin DDR3 SO-DIMM max. up 2 GB
Display	17" TFT, SXGA, 350 nits	15" TFT XGA, 420 nits	12.1" TFT XGA, 1000 nits	12.1" TFT, XGA, 1000 nits
1/0	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet	2 x RS-232/422/485 (default RS-232) 2 x USB 2.0 1 x 10/100/1000 Mbps Ethernet	1 x RS-232/422/485 (default RS-232, COM1) 1 x RS-232(COM2) 1 x 10/100/1000 Mbps Ethernet 2 x USB 2.0
Storage	1 x 2.5" SSD 1 x CFast™	1 x 2.5" SSD 1 x CFast™	1 x 2.5" SSD 1 x CFast™	1 x 2.5" SSD 1 x CompactFlash™
Expansion Interface	2 x PCle Mini Card	2 x PCIe Mini Card	2 x PCle Mini Card	1 x PCle Mini Card
Touchscreen	5-wire resistive type or Projected Capacitive touch	5-wire resistive type or Projected Capacitive touch	2-wire low reflective resistive type	5-wire low reflective resistive type
Operating System	Windows® 8.1, WE8S, Windows® 7, WES 7			
Power Supply	!~36VDC	9~36VDC	9~36VDC	10~30VDC
Power Consumption	50W	30W	47W	30W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1~255 sec.	255 levels, 1~255 sec.	255 levels, 0~255 sec.
Front Bezel	Stainless steel IP66/IP69K rugged protection	Stainless steel IP66/IP69K rugged protection	Stainless steel with Full IP66 rugged protection	Stainless steel with Full IP66 rugged protection
Dimensions (W x D x H)	415.92 x 54.96 x 348.34 mm (16.37" x 2.16" x 13.71")	382 x 55 x 305 mm (15.4" x 2.17" x 12.01")	296 x 240 x 59 mm (11.65" x 9.45" x 3.74")	296 x 59 x 240 mm (11.65" x 2.32"x 9.45")
Weight (net/gross)	7.04 kg (15.52 lb) /10.3 kg (22.71 lb)	5.2 kg (11.46 lb)/8.4 kg (18.51 lb)	4.6 kg (10.14 lb)/6.2 kg (13.67 lb)	4.5 kg (9.92 lb)/6.5 kg (14.33 lb)
Operating Temperature	-20°C ~ +55°C (-4°F ~ +131°F)			
Wide Temperature	Yes	Yes	Yes	Yes
Certificate	CE	CE	CE	CE

## 0

## Rolling-Stock Fanless Touch Panel Computers

Selection Guide









Overview

Fanless Touch Panel Computers

Heavy-duty
Fanless Touch
Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Solutions

Open Frame Panel

Page 571

	Page 569	Page 571
Features Wodels	GOT712-837	GOT710-837
CPU Level	Intel® Atom™ E3845 (1.91 GHz)	Intel® Atom™ E3845 (1.91 GHz)
Chipset	SoC Intergrated	SoC Intergrated
System Memory	DDR3 4 GB memory onboard	DDR3 4 GB memory onboard
Display	12.1" XGA, 800 nits	10.4" SVGA, 1000 nits
1/0	2 x RS-232/422/485 with isolated 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolated 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolated 1.5KV (M12, A-coded) 1 x Audio: Line out, Line in, speaker out (D-sub) 1 x DIO (6 input/2 output) with isolated 1.5KV (D-sub) 1 x CAN bus with isolated 1.5KV (D-sub)	2 x RS-232/422/485 with isolated 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolated 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolated 1.5KV (M12, A-coded) 1 x Audio: Line out, Line in, speaker out (D-sub) 1 x DIO (6 input/2 output) with isolated 1.5KV (D-sub) 1 x CAN bus with isolated 1.5KV (D-sub)
Storage	16 GB flash onboard 1 x mSATA	16 GB flash onboard 1 x mSATA
Expansion Interface	2 x PCle Mini Card	2 x PCle Mini Card
Touchscreen	5-wire resistive type or glass with keyboard	5-wire resistive type or glass with keyboard
Operating System	Windows® 8.1, WE8S, Windows® 7, WES7	Windows® 8.1, WE8S, Windows® 7, WES7
Power Supply	16.8V to 30V DC or 77V to 137.5V DC	16.8V to 30V DC or 77V to 137.5V DC
Power Consumption	TBD	107.5W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1–255 sec.
Front Bezel	Aluminum with rugged protection	Aluminum with rugged protection
Dimensions (W x D x H)	330 x 64.4 x 245 mm (13" x 2.53"x 9.65")	310 x 65 x 216 mm (12.20" x 2.56"x 8.50")
Weight (net/gross)	TBD	2.4 kg (5.29 lb)/5 kg (11.02 lb)
Operating Temperature	-25°C ~ +70°C (-13°F ~ +158°F)	-25°C ~ +70°C (-13°F ~ +158°F)
Wide Temperature	Yes	Yes
Certificate	EN50155 Railway EN50121-3-2 Railway EMC EN61373Railway Shock/Vibration	EN50155 Railway EN50121-3-2 Railway EMC EN61373Railway Shock/Vibration

### GOT3217W-881-PCT

21.5" Full HD TFT Fanless Multi-Touch Panel Computer with LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® Processor (0°C ~ +40°C)



- 1. Power Switch (ATX)
- 2. Power Input connector
- 3. Audio Line-out
- 4. Audio MIC-in
- 5. COM1/2 (RS-232/422/485)
- 6. HDMI output
- 7. Dual Gigabit LAN
- 8. 2 x USB 2.0 9. 2 x USB 3.0
- 10. CFast™ card slot

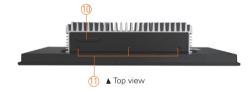
#### Features

- 21.5" Full HD projected capacitive multi-touch screen
- Fanless design with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Haswell)
- Supports 2.5" SATA HDD, CFast™ and mSATA
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 flat front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports dual PCI Express Mini card slots





- 11. For 3 x antennas
  - 12. LED Backlight Power On/off 13. Brightness +
- 14. Brightness -



















#### Introduction

The GOT3217W-881-PCT adopts a 21.5-inch TFT Full HD LCD and supports LGA1150 socket 4th generation Intel® Core™ and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded for a variety of applications. This industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

#### High Performance Intel® Core™-based Haswell Processor

The GOT3217W-881-PCT supports LGA1150 socket 4th generation Intel® Core™ and Celeron® Haswell processors. Users can choose different processor upon request. It also supports up to 8 GB DDR3-1333/1600 MHz memory modules. Rich I/O includes dual PCle mini card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

#### Reliable and Stable Design

The GOT3217W-881-PCT is a fanless cooling panel system and a best control solution for industrial machinery market. For high capacity storage requirement, the Intel® Haswell panel PC can work under 1.0 G (10 ~ 500Hz, random for CFastTM card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

#### 21.5-inch Full HDTFT LCD with Projected Capacitive Multi-touch

The IP65 widescreen panel PC supports 250 nits brightness and can display contents in Full HD resolution. Its viewing angle is up to 178(H)/178(V) for wide angel viewing. With projected capacitive multi-touch screen, users can operate more directly and friendly.

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	21.5" Full HD TFT LCD
	Brightness (cd/m²)	250 nits
	Resolution	1920 x 1080
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Haswell)
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3 1333/1600 SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ card and mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

I/O Connector	2 x RS-232/422/485 (COM1/2)	
	1 x Switch for power on/off (ATX)	
	2 x Audio (Line out & MIC-in)	
	2 x USB 3.0	
	2 x USB 2.0	
	1 x HDMI	
	2 x 10/100/1000Mbps Ethernet	
Expansion Interface	2 x PCle Mini Card slots	
Touchscreen	Projected capacitive multi-touch	
Power Supply	19VDC with adapter	
Dimensions	547.6 mm (21.56") (W) x 89.0 mm (3.50") (D) x 339.0 mm (13.35") (H)	
Packing Dimensions	720 mm (28.34") (W) x 210 mm (8.27") (D) x 550 mm (2.17") (H)	
Weight (net/gross)	8.1 kg (18.75 lb) / 11.0 kg(24.25 lb)	
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F)	
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)	
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing	
	Operation vibration:	
	1.0G, 10 ~ 500Hz, random for CFast™ card	
Certificate	CE	

#### **Ordering Information**

GOT3217W-881-PCT-NP

21.5" FHD TFT fanless touch panel computer support LGA1150 socket Intel® 4th generation Core™ i7/i5/i3, Pentium® & Celeron® processor, projected capacitive multi-touch screen and AC-DC 19V power adapter (Power DIN 4P connector)

#### **Optional EOS Installation**

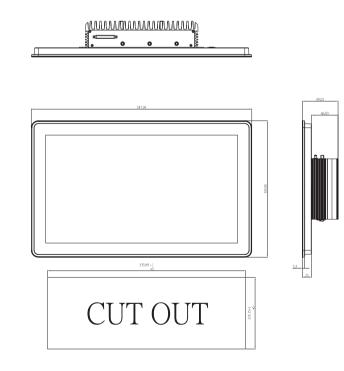
WE8S WES 7

#### **Optional OS Installation**

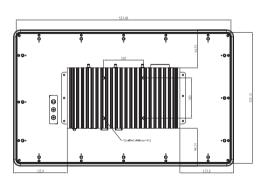
Windows® 8.1 Windows® 7



#### **Dimensions**









Overview

Fanless Touch Panel Computers



Heavy-duty Fanless Touch Panel Computers



Touch Panel Computers

Industrial Touch panel Monitors



Infotainment Touch Panel Computers

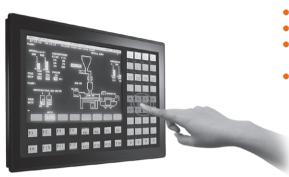


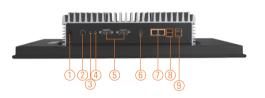
Healthcare & Medical Solutions



### GOT3187W-881-PCT

18.5" WXGATFT Fanless Multi-Touch
Panel Computer with LGA1150 Socket 4th
Generation Intel® Core™ i7/i5/i3, Celeron®
& Pentium® Processor (0°C ~ +40°C)



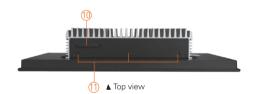


- 1. Power Switch (ATX)
- 2. Power Input connector
- 3. Audio Line-out
- 4. Audio MIC-in
- 5. COM1/2 (RS-232/422/485)
- 6. HDMI output
- 7. Dual Gigabit LAN
- 8. 2 x USB 2.0
- 9. 2 x USB 3.0
- 10. CFast™ card slot
- 11. For 3 x antennas
- 12. LED Backlight Power On/off
- 13. Brightness +
- 14. Brightness -

#### **Features**

- 18.5-inch WXGA projected capacitive multi-touch screen
- Fanless design with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell)
- Supports 2.5" SATA HDD, CFast™ and mSATA
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports dual PCI Express Mini card slots



















#### Introduction

The GOT3187W-881-PCT adopts an 18.5-inch WXGA LCD and supports LGA1150 socket 4th generation Intel® Core™, Pentium® and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded for a variety of applications. This industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

#### High Performance Intel® Core™-based Haswell Processor

The GOT3187W-881-PCT supports LGA1150 socket 4th generation Intel® Core™ and Celeron® Haswell processors. Users can choose different processor upon request. It also supports up to 8 GB DDR3-1333/1600 MHz memory modules. Rich I/O includes dual PCle mini card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

#### Reliable and Stable Design

The GOT3187W-881-PCT is a fanless cooling panel system and a best control solution for industrial machinery market. For high capacity storage requirement, the Intel® Haswell panel PC can work under 1.0 G (10 ~ 500Hz, random for CFastTM card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

#### 18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA IP65 touch panel PC supports 300 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more directly and friendly. The hardness of touch glass surface is up to 7h and is better for anti-scratch purpose.

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m²)	300 nits
	Resolution	1366 x 768
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Haswell)
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3-1333/1600 SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ card and mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

I/O Connector	2 x RS-232/422/485 (COM1/2) 1 x Switch for power on/off (ATX) 2 x Audio (Line out & MIC-in) 2 x USB 3.0 2 x USB 2.0 1 x HDMI 2 x 10/100/1000Mbps Ethernet	
Expansion Interface	2 x PCle Mini Card slot	
Touchscreen	Projected capacitive multi-touch	
Power Supply	19VDC with adapter	
Dimensions	460 mm (18.1") (W) x 89.5 mm (3.5") (D) x 285 mm (11.2") (H)	
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D) x 500 mm (19.68") (H)	
Weight (net/gross)	6.3 kg (13.9 lb) /8.3 kg (18.29 lb)	
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration: 1.0G, 10 - 500Hz, random for CFast™ card	
Certificate	CE	

#### **Ordering Information**

GOT3187W-881-PCT-NP

18.5" WXGA TFT fanless touch panel computer support LGA1150 socket Intel® 4th generation Core™ i7/i5/i3, Pentium® & Celeron® processor, projected capacitive multi-touch screen and AC-DC 19V power adapter (Power DIN 4P connector)

#### **Optional EOS Installation**

WES 7

#### **Optional OS Installation**

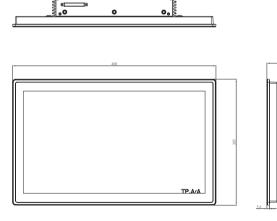
Windows® 8.1

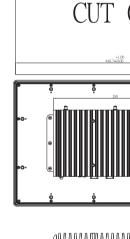
Windows® 7

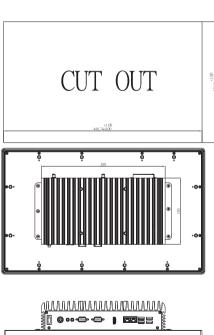


▲ Ideal for factory automation & self-service kiosk in retail

#### **Dimensions**







Overview

Fanless Touch Panel Computers



Heavy-duty Fanless Touch Panel Computers



Touch Panel Computers

Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Solutions



## GOT3187W-834-PCT

18.5" WXGA TFT Multi-Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)





- 1. Power switch
- 2. Terminal block for DC power input
- 3. USB 2.0 x 2
- 4. COM 1 (RS-232/422/485)
- 5. COM 2 (RS-232/422/485)
- 6. Ethernet x 2
- 7. USB 3.0 x 2
- 8. Audio(Line-out)
- 9. CFast<sup>™</sup> slot
- 10. Backlight switch
- 11. Brightness adjustment













#### Introduction

The GOT3187W-834-PCT adopts an 18.5-inch WXGA LCD and supports Intel® Bay Trail-D processor. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCle mini card slots for 3G, wireless network connectivity. This 18.5" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support

The Intel® Bay Trail-based GOT3187W-834-PCT applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

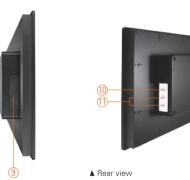
The 18.5" IP65 industrial panel PC, GOT3187W-834-PCT, provides two PCIe mini card slots and WLAN antennas for 3G and wireless network connectivity.

#### **Features**

- 18.5" WXGA wide screen with modulized design
- Multi-Touch 18.5" projected capacitive
- Fanless design with Intel® Bay Trail-D Processor J1900
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Supports 3G, WLAN module & antennas (optional)
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 aluminum front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports wide temperature range of -10°C ~ +50°C
- Adjust RS-232/422/485 setting via BIOS



▲ Modulized design



_		
Front Bezel	IP65 front bezel	
LCD Panel	Display Type	18.5" WXGA TFT LCD
	Brightness (cd/m²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Bay Trail-D Celeron® processor J1900 4C @2.0 GHz (up to 2.42 GHz)
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD
		1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

I/O Connector	2 x RS-232/422/485 (COM 1/2)	
	1 x Switch for power on/off (ATX)	
	1 x Audio (Line-out)	
	2 x USB 3.0, 2 x USB 2.0	
	2 x 10/100/1000Mbps Ethernet	
Expansion Interface	1 x Full-size PCI Express Mini Card with mSATA	
	1 x Full-size PCI Express Mini Card with SIM slot	
Touchscreen	Projected capacitive multi-touch	
Power Supply	1. DC version : 9~36VDC	
	2. AC version: 12VDC 60W adapter	
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D)	
	x 285 mm (11.22") (H)	
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D)	
	x 500 mm (19.68") (H)	
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)	
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F)	
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)	
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing	
	Operation vibration:	
	2G, 10 ~ 500Hz, random for CFast™	
Certificate	CE	

#### **Ordering Information**

GOT3187W-834-PCT-J	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, projected capacitive multi-touch screen and AC-DC 12V power adapter (screw type connector)
GOT3187W-834-PCT-DC	18.5" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, projected capacitive multi-touch screen and 9–36VDC terminal block connector.

#### **Optional EOS Installation**

WE8S		
WES 7		

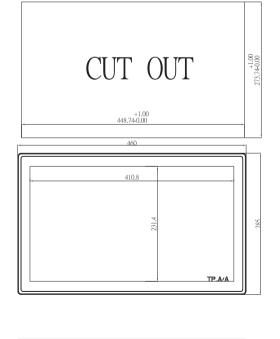
#### **Optional OS Installation**

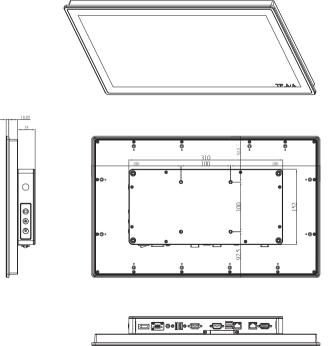
Windows® 8.1 Windows® 7



 $\blacktriangle$  Ideal for factory automation & self-service kiosk in retail

#### **Dimensions**





Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

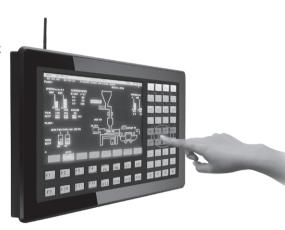
Healthcare & Medical Solutions

Open Frame Panel

## GOT3187W-832-PCT

18.5" WXGA TFT Fanless Multi-Touch Panel Computer with Intel® Atom™ Processor D2550 (- $10^{\circ}$ C ~ + $50^{\circ}$ C)







- 1 Power switch
- 2. Terminal block for DC power input
- 3. USB 2.0 x 2
- 4. COM 1 (RS-232/422/485)
- 5. COM 2 (RS-232)
- 6. Ethernet x 2
- 7. USB 2.0 x 2
- 8. Audio(Line-out)
- 9. CF slot
- 10. Backlight switch
- 11. Brightness adjustment

















#### Introduction

The GOT3187W-832-PCT adopts an 18.5-inch WXGA LCD and supports Intel® Atom™, processor D2550 1.86 GHz Bay Trail SoC. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The 18.5" fanless human machine interface also provides one PCIe mini card slot for wireless network connectivity. The rugged fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-10°C to +50°C)

The Intel® AtomTM-based touch panel PC, GOT3187W-832-PCT, applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 18.5" WXGA industrial panel PC GOT3187W-832-PCT provides one PCIe mini card slot and WLAN antennas for wireless network connectivity.

#### **Features**

- 18.5" WXGA wide screen with modulized design
- Multi-Touch 18.5" projected capacitive
- Fanless design with Intel® Atom™ processor D2550 1.86 GHz
- Supports 2.5" SATA HDD & CompactFlash™ type II
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 4 USB 2.0 & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports wide temperature range of -10°C ~ +50°C



▲ Modulized design





▲ Rear view

Front Bezel	IP65 front bezel		
LCD Panel	Display Type	18.5" WXGA TFT LCD	
	Brightness (cd/m²)	300 nits	
	Resolution	1366 x 768	
Main System	CPU	Intel® Atom™ processor D2550	
		2C @1.86 GHz	
	Chipset	Intel® NM10	
	System Memory	1 x 204-pin DDR3	
		max. up to 4 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD	
	· ·	1 x CompactFlash™	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard	Integrated Intel® GFX	
	Graphics	-	

•				
I/O Connector	1 x RS-232 (COM 1)			
	1 x RS-232/422/485 (COM 2)			
	1 x Switch for power on/off (ATX)			
	1 x Audio (Line-out)			
	4 x USB 2.0			
	2 x 10/100/1000Mbps Ethernet			
Expansion Interface	1 x PCle Mini Card slot			
Touchscreen	Projected capacitive multi-touch			
Power Supply	10-30VDC			
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D)			
	x 285 mm (11.22") (H)			
Packing Dimensions	600 mm (23.58") (W) x 195 mm (7.67") (D)			
-	x 500 mm (19.68") (H)			
Weight (net/gross)	5.8 kg (12.8 lb)/8.2 kg (18.1 lb)			
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F)			
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)			
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing			
	Operation vibration:			
	2G, 10 ~ 500Hz, random for CompactFlash™			
Certificate	CE			

#### **Ordering Information**

GOT3187W-832-PCT-DC

18.5" WXGA TFT fanless touch panel computer with Intel®
Atom™ D2550 1.86 GHz dual core processor, projected capacitive multi-touch screen and 10~30VDC terminal block

nnector

#### **Optional EOS Installation**

WES (single-touch function)
WES 7E (32-bit, single-touch function)
WES 7P (32-bit, multi-touch function)

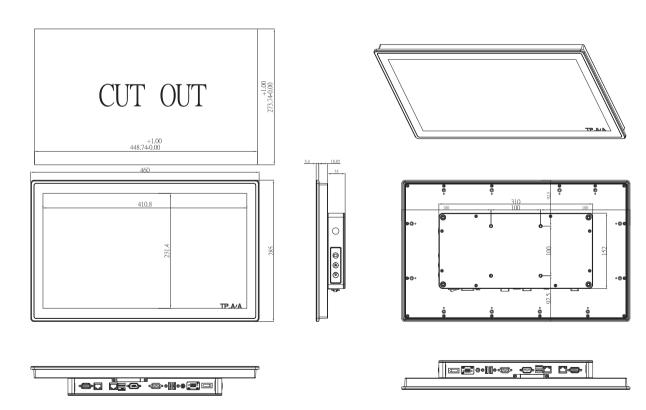
#### **Optional OS Installation**

Windows® XP (single-touch function)
Windows® 7 (32-bit, multi-touch function)



▲ Ideal for factory automation & self-service kiosk in retail

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty

Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

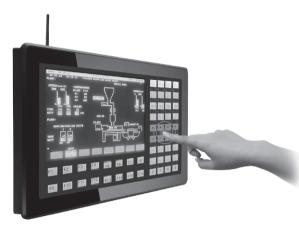
Infotainment Touch Panel Computers

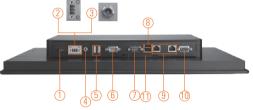
Solutions

Open Frame Panel

### GOT3187W-111-PCT

18.5" WXGA TFT Fanless Multi-Touch Panel Computer with AMD G Series Processor T56N (- $10^{\circ}$ C ~ + $45^{\circ}$ C)





- 1. Power switch
- 2. Terminal block for DC power input
- 3. Screw conn. w/ AC power adapter
- 4. Audio (Line-out)
- 5 USB 20 x 2
- 6. COM 2 (RS-232)
- 6. COM 1 (RS-232/422/485)
- 8. USB 2.0 x 2
- 9. Ethernet x 2
- 10. VGA 11 CF slot
- 12. Backlight switch
- 13. Brightness adjustment













#### Introduction

The GOT3187W-111-PCT adopts an 18.5-inch WXGA LCD and supports AMD G-series processor 56N 1.65 GHz. By supporting a wide range operating temperature from -10°C to +45°C, it can be used in harsh environment. The fanless HMI can work under 2.0 G (10 ~ 500Hz, random for CompactFlashTM) in operation mode with a patent of anti-vibration design. It also provides one PCle mini card slot for 3G, wireless network connectivity. The 18.5" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-10°C to +45°C)

The AMD G-series high performance GOT3187W-111-PCT applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### 18.5-inch WXGA LCD with Projected Capacitive Multi-touch

The 18.5" WXGA touch panel PC supports 300 nits brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more directly and friendly. The hardness of touch glass surface is up to 7h and is better for anti-scratch purpose.

#### WALN Antenna Support (optional)

The 18.5" IP65 fanless industrial panel computer, GOT3187W-111-PCT, provides one PCle mini card slot and WLAN/3G antennas for wireless network connectivity.

#### **Features**

- 18.5" WXGA wide screen with modulized design
- Multi-Touch 18.5" projected capacitive
- Fanless design with AMD G-series processor T56N 1.65 GHz
- Supports 2.5" SATA HDD & CompactFlash™ type II
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 4 USB 2.0 & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports wide temperature range of -10°C ~ +45°C





splay Type ghtness (cd/m²)	18.5" WXGA TFT LCD 300 nits
ghtness (cd/m²)	
0	300 nits
a a lustica	
SOIULION	1366 x 768
U	AMD G-series processor T56N 2C @1.65 GHz
ipset	AMD A50M FCH
stem Memory	1 x 204-pin DDR3-1333/1600 S0-DIMM max. up to 4 GB
OS	AMI UEFI BIOS
orage	1 x 2.5" SATA HDD 1 x CompactFlash™
atchdog Timer	255 levels, 0~255 sec.
board aphics	Integrated AMD GFX-Radeon HD6320
	ipset stem Memory  OS orage stchdog Timer board

I/O Connector	1 x RS-232 (COM 1)		
1/ 0 00111100101	1 x RS-232/422/485 (COM 2)		
	1 x Switch for power on/off (ATX)		
	1 x Audio (Line-out)		
	1 x VGA		
	4 x USB 2.0		
	2 x 10/100/1000Mbps Ethernet		
Expansion Interface	1 x PCle Mini Card slot		
Touchscreen	Projected capacitive multi-touch		
Power Supply	1. DC version: 10~30VDC		
	2. AC version: 12VDC 60W adapter		
Dimensions	460.8 mm (18.11") (W) x 58.5 mm (2.3") (D)		
	x 285 mm (11.22") (H)		
Packing Dimensions	600 mm (23.58") (W) x 19.5 mm (7.67") (D)		
-	x 500 mm (19.68") (H)		
Weight (net/gross)	5.8 kg (12.8 lb)/7.8 kg (17.2 lb)		
Environment	Operating temperature: -10°C ~ +45°C (+14°F ~ +113°F)		
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)		
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing		
	Operation vibration:		
	2G, 10 ~ 500Hz, random for CompactFlash™		
Certificate	CE		

#### **Ordering Information**

GOT3187W-111-PCT-DC	18.5" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and 10–30VDC terminal block connector
GOT3187W-111-PCT-J	18.5" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and AC-DC 12V power adapter (screw type connector)

#### **Optional EOS Installation**

WES (single-touch function)
WES 7E (32-bit, single-touch function)
WES 7P (32-bit, multi-touch function)

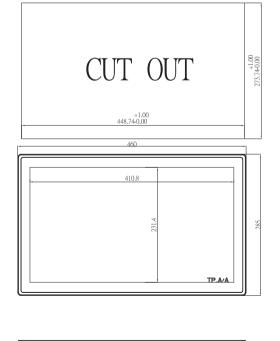
#### **Optional OS Installation**

Windows® XP (single-touch function) Windows® 7 (32-bit, multi-touch function)

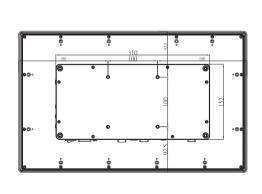


▲ Ideal for factory automation & self-service kiosk in retail

#### **Dimensions**









Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

### GOT3177T-891

17" SXGATFT Flat Front Bezel Resistive
Touch Panel Computer with LGA1151socket
6th Generation Intel® Core™ i7/i5/i3,
Pentium® & Celeron® processor
(0°C ~ +40°C)





#### **Features**

- 17" SXGA TFT flat front bezel resistive touch
- Fanless design with LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (0°C ~ +40°C)
- Supports 2.5" SATA HDD, CFast™ and mSATA
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 4 USB 3.0 & 2 COM ports
- IP65 front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports dual PCI Express Mini card slots















#### Introduction

The GOT3177T-891-PCT adopts a 17-inch TFT SXGA LCD and supports LGA1151 socket 6th generation Intel® Core™ and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded & Windows 10 for a variety of applications. This industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

#### High Performance Intel® Core™-based Haswell Processor

The GOT3177W-891-PCT supports LGA1151 socket 6th generation Intel® Core™, Pentium® and Celeron® processors. Users can choose different processor upon request. It also supports up to 8 GB DDR4-2166 MHz SO-DIMM memory modules up to 32GB. Rich I/O includes dual PCle mini card slots, 2.5″ HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

#### Reliable and Stable Design

The GOT3177W-891-PCT is a fanless cooling panel system and a best control solution for industrial machinery market. For high capacity storage requirement, the Intel® Skylake-S panel PC can work under 1.0 G (10 ~ 500Hz, random for CFast™ card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

#### 17-inch Full SXGATFT LCD with Projected Capacitive Multi-touch

The IP65 widescreen panel PC supports 350 nits brightness and can display contents in SXGA resolution. Its viewing angle is up to 178(H)/178(V) for wide angel viewing. With projected capacitive multi-touch screen, users can operate more directly and friendly.

IP65 front bezel		
Display Type	17" SXGA TFT LCD	
Brightness (cd/m²)	350 nits	
Resolution	1280 x 1024	
CPU	LGA1151 socket 6th generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor (Skylake-S)	
Chipset	Intel® Q170	
System Memory	2 x 260-pin DDR4-2166 SO-DIMM up to 32 GB	
BIOS	AMI UEFI BIOS	
Storage	1 x 2.5" SATA HDD 1 x mSATA	
Watchdog Timer	255 levels, 0~255 sec.	
Onboard Graphics	Integrated Intel® HD Graphics	
	Display Type Brightness (cd/m²) Resolution CPU  Chipset System Memory  BIOS Storage  Watchdog Timer Onboard	



I/O Connector	2 x RS-232/422/485 (default RS-232)	
	1 x Audio (Line-out)	
	4 x USB 3.0	
	2 x 10/100/1000Mbps Ethernet	
	1 x HDMI	
Expansion Interface	1 x PCle Mini Card slot (with SIM slot, full size)	
	1 x PCle Mini Card slot (supports mSATA optional, full size)	
Touchscreen	Flat resisitve touch	
Power Supply	TBD	
Dimensions	TBD	
Packing Dimensions	TBD	
Weight (net/gross)	TBD	
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F)	
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)	
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing	
	Operation vibration:	
	1.0 G, 10 ~ 500Hz, random for CFast™ card	
Certificate	CE	

#### **Ordering Information**

GOT3177T-891-PCT-NP	17" SXGA TFT fanless touch panel computer support LGA1151 socket Intel® 6th generation Core™ i7/i5/i3, Pentium® & Celeron® processor, projected capactive
	multi-touch screen and 9~36VDC terminal block connector

#### **Optional EOS Installation**

WE8S			
WES7			

#### **Optional OS Installation**

Windows® 10		
Windows® 8.1		

Overview

Fanless Touch Panel Computers



Heavy-duty Fanless Touch Panel Computers



Touch Panel Computers

Industrial Touch panel Monitors



Infotainment Touch Panel Computers



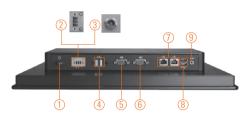
Healthcare & Medical Solutions



## GOT3177T-834

17" SXGA TFT Flat Front Bezel Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)





- 1. Power switch
- 2. Terminal block for DC power input
- 3. Screw conn. w/ AC power adapter
- 4. USB 2.0 x 2
- 5. COM 1 (RS-232/422/485) 6. COM 2 (RS-232/422/485)
- 8. USB 3.0 x 2

- 7. Fthernet x 2
- 9. Audio (Line-out)
- 10. CFast™ slot
  - 11. Backlight switch
  - 12. Brightness adjustment





#### Introduction

The GOT3177T-834 adopts a 17-inch SXGA LCD and supports Intel® Bay Trail-D processor. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCle mini card slots for 3G, wireless network connectivity. The 17" flat front bezel touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support

The Intel® Bay Trail-based GOT3177T-834 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 17" SXGA IP65 industrial panel PC, GOT3177T-834, provides two PCIe mini card slots and WLAN/3G antennas for wireless network connectivity.

#### **Features**

- 17" SXGA TFT flat resistive touch with modulized design.
- Fanless design with Intel® Bay Trail-D Celeron® processor J1900 (up to 2.42 GHz)
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Supports WLAN/3G module & antenna (optional)
- Supports 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0 and 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/
- Supports wide temperature range of -10°C ~ +50°C



Front Bezel	IP65 front bezel	IP65 front bezel		
LCD Panel	Display Type	17" SXGA TFT LCD		
	Brightness (cd/m²)	350 nits		
	Resolution	1280 x 1024		
Main System	CPU	Intel® Bay Trail-D Celeron® processor J1900 4C @2.0 GHz (up to 2.42 GHz)		
	Chipset	SoC Intergrated		
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM up to 8 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x 2.5" SATA HDD		
	-	1 x CFast™ or 1 x mSATA		
	Watchdog Timer	255 levels, 0 ~ 255 sec.		
	Onboard Graphics	Integrated Intel® HD Graphics		

I/O Connector	2 x RS-232/422/485 (default RS-232)
	1 x Audio (Line-out)
	2 x USB 2.0
	2 x USB 3.0
	2 x 10/100/1000Mbps Ethernet (Intel® i210IT)
Expansion Interface	1 x PCle Mini Card slot (with SIM slot, full size)
	1 x PCle Mini Card slot (supports mSATA optional, full size)
Touchscreen	Flat resisitve touch
Power Supply	1. DC version: 9~36VDC
	2. AC version : 12VDC w/adapter
Dimensions	398.02 mm (15.64") (W) x 59.9 mm (2.36") (D) x 330.44 mm (13.01") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	4.8 kg (10.6 lb)/7.1 kg (15.67 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F)
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2G, 10 ~ 500Hz, random for CFast™
Certificate	CE

#### **Ordering Information**

GOT3177T-834-FR-DC	17" SXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, 5-wire flat resistive touch screen and 9~36VDC terminal block connector
GOT3177T-834-FR-J	17" SXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, 5-wire flat resistive touch screen and AC-DC 12V power adapter (screw type connector)

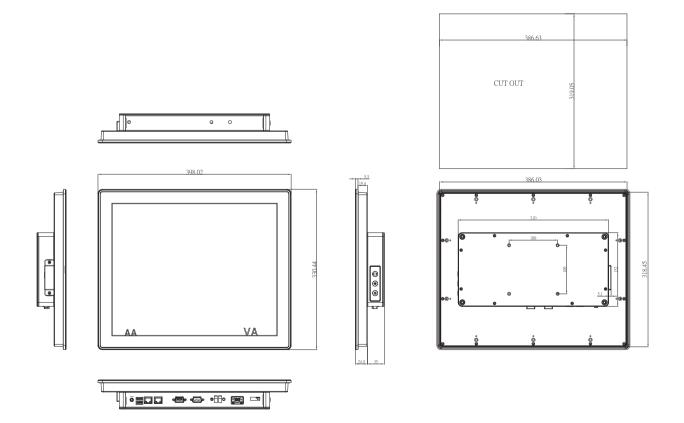
#### **Optional EOS Installation**

WES 7			
WE8S			

#### **Optional OS Installation**

Windows® 8.1	
Windows® 7	

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

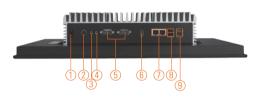
Open Frame Panel Computers

### GOT3157W-881-PCT

15.6" WXGATFT Fanless Multi-Touch Panel Computer with LGA1150 Socket 4th Generation Intel® Core™ i7/i5/i3 & Celeron® Processor (0°C ~ +40°C)





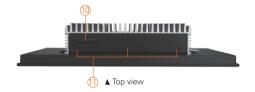


- 1. Power Switch (ATX)
- 2. Power Input connector
- 3. Audio Line-out
- 4. Audio MIC-in
- 5. COM1/2 (RS-232/422/485)
- 6. HDMI output
- 7. Dual Gigabit LAN
- 8. 2 x USB 2.0
- 9. 2 x USB 3.0
- 10. CFast™ card slot
- 11. For 3 x antennas
- 12. LED Backlight Power On/off
- 13. Brightness +
- 14. Brightness -

#### **Features**

- 15.6-inch WXGA projected capacitive multi-touch screen
- Fanless design with LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell)
- Supports 2.5" SATA HDD, CFast™ and mSATA
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 2 COM ports
- IP65 front bezel and rugged design
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports dual PCI Express Mini card slots



















#### Introduction

The GOT3157W-881-PCT adopts a 15.6-inch WXGA LCD and support LGA1150 socket 4th generation Intel® Core™, Pentium® and Celeron® processors. It can run Windows® 7, Windows® 7 Embedded, Windows® 8, Windows® 8 Embedded for a variety of applications. This 15.6" WXGA industrial touch panel PC has abilities below to make it surely a robust and reliable solution.

#### High Performance Intel® Core™-based Haswell Processor

The GOT3157W-881-PCT supports LGA1150 socket 4th generation Intel® Core™ and Celeron® Haswell processors. Users can choose different processor upon request. It also supports up to 8 GB DDR3-1333/1600 MHz memory modules. Rich I/O includes dual PCle mini card slots, 2.5" HDD drive bay, USB 3.0 port, RS-232/422/485 and HDMI interface.

#### Reliable and Stable Design

The GOT3157W-881-PCT is a fanless cooling panel system and a best control solution for industrial machinery market. For high capacity storage requirement, the Intel® Haswell panel PC can work under 1.0 G (10 ~ 500Hz, random for CFastTM card) in operation mode with a patent of anti-vibration design. The patent improves the system reliability and sustainability.

#### 15.6-inch WXGA LCD with Projected Capacitive Multi-touch

The 15.6" WXGA Intel® Haswell-based touch panel PC supports 400 nits high brightness and can display contents in HD resolution. With projected capacitive multi-touch screen, users can operate more directly and friendly. The hardness of touch glass surface is up to 7h and is better for anti-scratch purpose.

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m²)	400 nits
	Resolution	1366 x 768
Main System	CPU	LGA1150 socket 4th generation Intel® Core™ i7/i5/i3 & Celeron® processor (Haswell)
	Chipset	Intel® H81
	System Memory	1 x 204-pin DDR3-1333/1600 SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CFast™ card and mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

I/O Connector	2 x RS-3232/422/485 (COM1/2) 1 x Switch for power on/off (ATX) 2 x Audio (Line out & MIC-in)	
	2 x USB 3.0. 2 x USB 2.0	
	1 x HDMI	
	2 x 10/100/1000Mbps Ethernet	
Expansion Interface	2 x PCle Mini Card slot	
Touchscreen	Projected capacitive multi-touch	
Power Supply	19VDC with adapter	
Dimensions	396.8 mm (15.6") (W) x 89.5 mm (3.5") (D) x 247.1 mm (9.73") (H)	
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)	
Weight (net/gross)	5.5 kg (12.13 lb) / 7.5 kg (16.53 lb)	
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F)	
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)	
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing Operation vibration:	
	•	
	1.0G, 10 ~ 500Hz, random for CFast™ card	
Certificate	CE	

#### **Ordering Information**

GOT3157W-881-PCT-NP

15.6" WXGA TFT fanless touch panel computer support LGA1150 socket Intel® 4th generation Core™ i7/i5/i3, Pentium® & Celeron® processor, projected capacitive multi-touch screen and AC-DC 19V power adapter (Power DIN 4P connector)

#### **Optional EOS Installation**

WE8S WES 7

#### **Optional OS Installation**

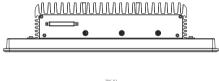
Windows® 8.1

Windows® 7

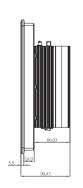


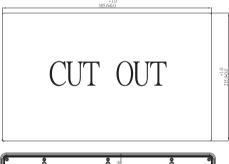
▲ Ideal for factory automation & self-service kiosk in retail

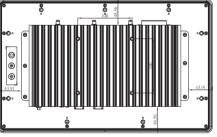
#### **Dimensions**













Overview

Fanless Touch Panel Computers



Heavy-duty Fanless Touch Panel Computers



Computers





Infotainment Touch Panel Computers

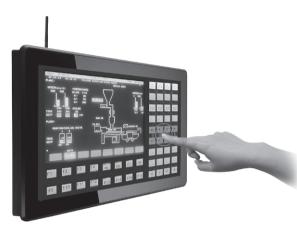


Solutions



## GOT3157W-834-PCT

15.6" WXGA TFT Fanless Multi-Touch Panel Computer with Intel® Celeron® Processor J1900 (-10°C ~ +50°C)





- 1 Power switch
- 2. Terminal block for DC porwer input
- 3. USB 2.0 x 2
- 4. COM 1 (RS-232/422/485)
- 5. COM 2 (RS-232/422/485)
- 6. Ethernet x 2
- 7. USB 3.0 x 2
- 8. Audio(Line-out)
- 9. CFast™ slot
- 10. Backlight switch
- 11. Brightness adjustment















#### Introduction

The GOT3157W-834-PCT adopts a 15.6-inch WXGA LCD and supports Intel® Bay Trail-D processor. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® Celeron® processor J1900. It also provides two PCle mini card slots for 3G, wireless network connectivity. This 15.6" multi-touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support

The Intel® Bay Trail-based GOT3157W-834-PCT applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 15.6" WXGA IP65 industrial panel PC, GOT3157W-834-PCT, provides two PCle mini card slots and WLAN antennas for 3G and wireless network connectivity.

#### **Features**

- 15.6" WXGA TFT with projected capacitive multi-touch
- Fanless design with Intel® Celeron® processor J1900 4C@2.0 GHz (Bay Trail)
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Supports WLAN/3G module & antenna (optional)
- Supports 2 Gigabit LAN, 2 USB 2.0, 2 USB 3.0 and 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/wall mount
- Supports wide temperature range of -10°C ~ +50°C
- Adjust RS-232/422/485 setting via BIOS







Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD
	Brightness (cd/m²)	400 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Bay Trail-D Celeron® processor J1900 4C@ 2.0 GHz (up to 2.42 GHz)
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD
		1 x CFast™ or 1 x mSATA
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® HD Graphics

I/O Connector	2 x RS-232/422/485 (COM 1/2) 1 x Switch for power on/off (ATX)
	1 x Audio (Line-out)
	2 x USB 3.0, 2 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	2 x PCle Mini Card slots
Touchscreen	Projected Capacitive multi-touch
Power Supply	1. DC version : 9~36VDC
	2. AC version : 12VDC w/adapter
Dimensions	396 mm (15.6") (W) x 53.9 mm (2.12") (D)
	x 247.1 mm (9.73") (H)
Packing Dimensions	525 mm (20.67") (W) x 470 mm (18.51") (D) x 186 mm (7.32") (H)
Weight (net/gross)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F)
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE

#### **Ordering Information**

GOT3157W-834-PCT-J	15.6" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, projected capacitive multi-touch screen and AC-DC 12V power adapter (screw type connector)
GOT3157W-834-PCT-DC	15.6" WXGA TFT fanless touch panel computer with Intel® Celeron® J1900 2.0 GHz (up to 2.42 GHz) quad core processor, projected capacitive multi-touch screen and 9-36VDC terminal block connector

#### **Optional EOS Installation**

WES7	
WE8S	

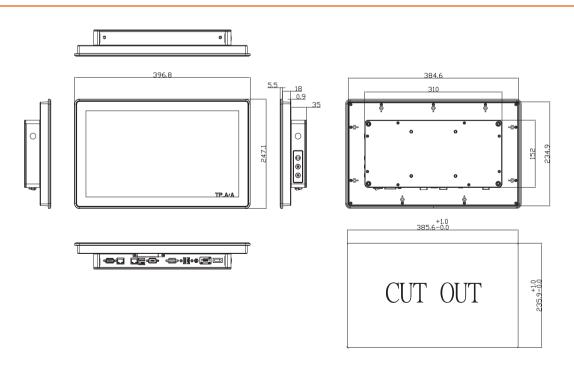
#### **Optional OS Installation**

Windows® 8.1 Windows® 7



 $\blacktriangle$  Ideal for factory automation & self-service kiosk in retail

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

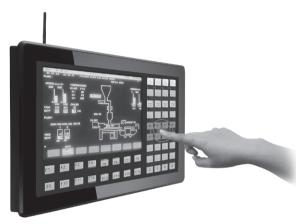
Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

## GOT3157W-832-PCT

15.6" WXGATFT Fanless Multi-Touch Panel Computer with Intel® Atom™ Processor D2550 (- $10^{\circ}$ C ~ + $50^{\circ}$ C)





- 1 Power switch
- 2. Terminal block for DC porwer input
- 3. USB 2.0 x 2
- 4. COM 1 (RS-232)
- 5. COM 2 (RS-232/422/485)
- 6. Ethernet x 2
- 7. USB 2.0 x 2
- 8. Audio(Line-out)
- 9. CF slot
- 10. Backlight switch
- 11. Brightness adjustment















#### Introduction

The GOT3157W-832-PCT adopts a 15.6-inch WXGA LCD and supports Intel® Atom™, processor D2550 1.86 GHz Bay Trail SoC. By supporting a wide range operating temperature from -10°C to +50°C, it can be used in harsh environment. The 15.6" fanless human machine interface also provides one PCIe mini card slot for wireless network connectivity. The rugged fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-10°C to +50°C)

The Intel® AtomTM-based touch panel PC, GOT3157W-832-PCT, applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

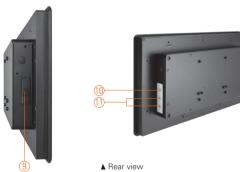
#### **WALN Antenna Support (optional)**

The 15.6" WXGA IP65 industrial panel PC, GOT3157W-832-PCT, provides one PCle mini card slot and WLAN antennas for wireless network connectivity.

#### **Features**

- 15.6" WXGA wide screen with modulized design
- Multi-Touch 15.6" projected capacitive
- Fanless design with Intel® Atom™ processor D2550 1.86 GHz
- Supports 2.5" SATA HDD & CompactFlash™ type II
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 4 USB 2.0 & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports wide temperature range of -10°C ~ +50°C





IP65 front bezel	
Display Type	15.6" WXGA TFF LCD
Brightness (cd/m²)	400 nits
Resolution	1366 x 768
CPU	Intel® Atom™ processor D2550 2C @1.86 GHz
Chipset	Intel® NM10
System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM max. up to 4 GB
BIOS	AMI UEFI BIOS
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
Watchdog Timer	255 levels, 0~255 sec.
Onboard Graphics	Integrated Intel® GFX
	Display Type Brightness (cd/m²) Resolution CPU Chipset System Memory BIOS Storage Watchdog Timer Onboard

•	
I/O Connector	1 x RS-232 (COM 1)
	1 x RS-232/422/485 (COM 2)
	1 x Switch for power on/off (ATX)
	1 x Audio (Line-out)
	4 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCle Mini Card slot
Touchscreen	Projected capacitive multi-touch
Power Supply	10-30VDC
Dimensions	396 mm (15.6") (W) x 53.9 mm (2.12") (D)
	x 247.1 mm (9.73") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)
Weight (net/gross)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)
Environment	Operating temperature: -10°C ~ +50°C (+14°F ~ +122°F)
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE

#### **Ordering Information**

GOT3157W-832-PCT-DC

15.6" WXGA TFT fanless touch panel computer with Intel® Atom™ D2550 1.86 GHz dual core processor, projected capacitive multi-touch screen and 10~30VDC terminal block connector

Overview

Fanless

Touch Panel Computers

2

Heavy-duty

Fanless Touch

Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare

Solutions

Open Frame Panel

Accessories

#### **Optional EOS Installation**

WES (single-touch function)

WES 7E (32-bit, single-touch function)
WES 7P (32-bit, multi-touch function)

#### **Optional OS Installation**

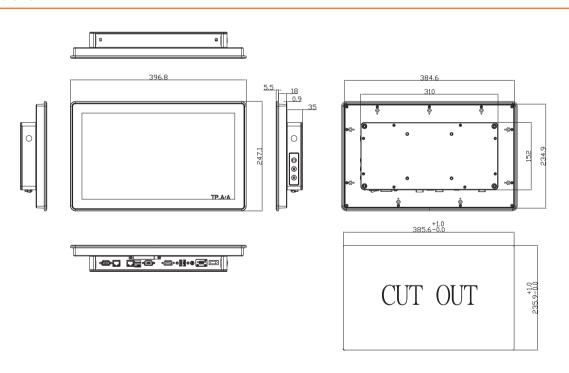
Windows® XP (single-touch function)

Windows® 7 (32-bit, multi-touch function)



▲ Ideal for factory automation & self-service kiosk in retail

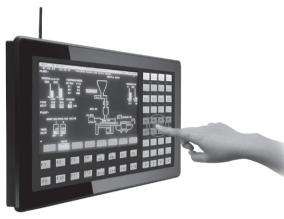
#### **Dimensions**

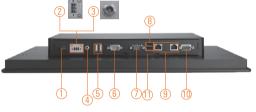


### GOT3157W-111-PCT

15.6" WXGA TFT Fanless Multi-Touch Panel Computer with AMD G-series processor T56N (- $10^{\circ}$ C ~ + $45^{\circ}$ C)







- 1. Power switch
- 2. Terminal block for DC power input
- 3. Screw conn. w/ AC power adapter
- 4. Audio (Line-out)
- 5. USB 2.0 x 2
- 6. COM 2 (RS-232)
- 6. COM 1 (RS-232/422/485)
- 8. USB 2.0 x 2
- 9. Ethernet x 2
- 10. VGA
- 11 CF slot
- 12. Backlight switch
- 13. Brightness adjustment

















#### Introduction

The GOT3157W-111-PCT adopts a 15.6-inch WXGA LCD and supports AMD G-series processor 56N 1.65 GHz. By supporting a wide range operating temperature from -10°C to +45°C, it can be used in harsh environment. The fanless HMI can work under 2.0 G (10 ~ 500Hz, random for CompactFlash™) in operation mode with a patent of anti-vibration design. It also provides one PCle mini card slot for 3G, wireless network connectivity. The 15.6" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-10°C to +45°C)

The AMD G-series high performance GOT3157W-111-PCT applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 15.6" IP65 fanless industrial panel computer, GOT3157W-111-PCT, provides one PCIe mini card slot and WLAN/3G antennas for wireless network connectivity.

#### **Features**

- 15.6" WXGA wide screen with modulized design
- Multi-Touch 15.6" projected capacitive
- Fanless design with AMD G-series processor T56N 1.65 GHz
- Supports 2.5" SATA HDD & CompactFlash™ type II
- Supports WLAN module & antenna (optional)
- Supports 2 Gigabit LAN, 4 USB 2.0, 1 VGA & 2 COM ports
- IP65 front bezel
- Supports panel mount and optional VESA arm/desktop stand/ wall mount
- Supports wide temperature range of -10°C ~ +45°C





▲ Rear view

IP65 front bezel	
Display Type	15.6" WXGA TFT LCD
Brightness (cd/m²)	400 nits
Resolution	1366 x 768
CPU	AMD G-series processor T56N 2C @1.65 GHz
Chipset	AMD A50M FCH
System Memory	1 x 204-pin DDR3-1333/1600 SO-DIMM max. up to 4 GB
BIOS	AMI UEFI BIOS
1	1 x 2.5" SATA HDD 1 x CompactFlash™
	255 levels, 0~255 sec.
Onboard Graphics	Integrated AMD GFX-Radeon HD6320
	Display Type Brightness (cd/m²) Resolution CPU Chipset System Memory BIOS Storage Watchdog Timer Onboard

-		
I/O Connector	1 x RS-232 (COM 1)	
	1 x RS-232/422/485 (COM 2)	
	1 x Switch for power on/off (ATX)	
	1 x Audio (Line-out)	
	1 x VGA	
	4 x USB 2.0	
	2 x 10/100/1000Mbps Ethernet	
Expansion Interface	1 x PCle Mini Card slot	
Touchscreen	Capacitive multi-touch	
Power Supply	1. DC version: 10~30VDC	
	2. AC version : 12VDC w/adapter	
Dimensions	396 mm (15.6") (W) x 53.9 mm (2.12") (D)	
	x 247.1 mm (9.73") (H)	
Packing Dimensions	525 mm (20.67") (W) x 470 mm (18.51") (D)	
	x 186 mm (7.32") (H)	
Weight (net/gross)	5.0 kg (11.02 lb)/7.0 kg (15.43 lb)	
Environment	Operating temperature: -10°C ~ +45°C (+14°F ~ +113°F)	
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)	
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing	
	Operation vibration:	
	2G, 10 ~ 500Hz, random for CompactFlash™	
Certificate	CE	

#### **Ordering Information**

GOT3157W-111-PCT-DC	15.6" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and 10–30VDC terminal block connector
GOT3157W-111-PCT-J	15.6" WXGA TFT fanless touch panel computer with AMD T56N dual core processor, projected capacitive multi-touch screen and AC-DC 12V power adapter (screw type connector)

#### **Optional EOS Installation**

WES (single-touch function)
WES 7E (32-bit, single-touch function)
WES 7P (32-bit, multi-touch function)

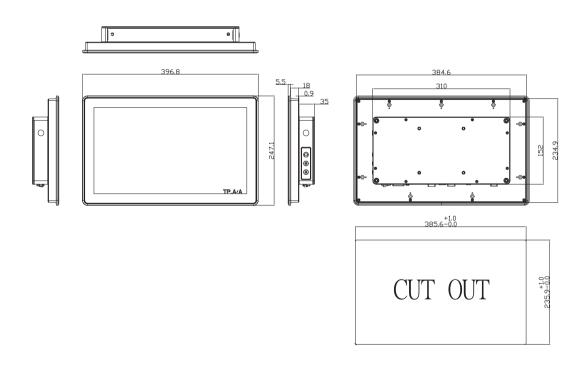
#### **Optional OS Installation**

Windows® XP (single-touch function)
Windows® 7 (32-bit, multi-touch function)



 $\blacktriangle$  Ideal for factory automation & self-service kiosk in retail

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel

## GOT3156T-834

15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 (-20°C ~ +55°C)







- 1. Power switch (ATX)
- 2. Power input (Phoenix)
- 3. COM 4 (RS-232/422/485)
- 4. COM 3 (RS-232/422/485)
- 5. USB 2.0 x 2
- 6. VGA
- 7. COM 1 (RS-232/422/485)
- 8. COM 2 (RS-232/422/485)
- 9. Ethernet x 2
- 10. USB 3.0 x 2
- 11. Audio (Line-out)
- 12. CFast™ card slot



#### Introduction

The GOT3156T-834 adopts a 15-inch XGA 400 nits LCD and supports Intel® Bay Trail processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The rugged industrial panel PC supports low power Intel® AtomTM processor E3827. The industrial HMI can work under 1.3 G (10 ~ 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides two PCle mini card slots for 3G, wireless network connectivity. The 15" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-20°C to +55°C)

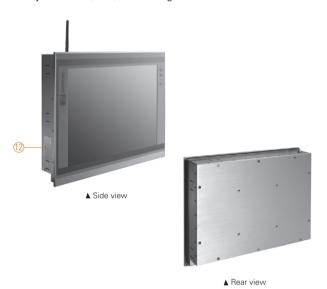
The Intel® AtomTM-based GOT3156T-834 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### WALN Antenna Support (optional)

The 15" XGA IP65 industrial panel PC, GOT3156T-834, provides two PCIe mini card slots and WLAN/3G antennas for wireless network connectivity.

#### **Features**

- 15" XGA (1024 x 768) color TFT LCD display
- Fanless cooling system with Intel® Atom™ processor E3827 (1.75 GHz) (Bay Trail)
- Supports wide temperature range of -20°C ~ +55°C
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 4 COM ports
- Supports WLAN/3G module and antenna (optional)
- Supports dual Express Mini card slots
- 9~36VDC wide voltage and over current protection
- Supports panel mount and optional VESA arm, desktop stand, wall mount
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Adjust RS-232/422/485 setting via BIOS



Front Bezel	IP65, NEMA 4 rugge	IP65, NEMA 4 rugged protection, aluminum front bezel		
LCD Panel	Display Type	15" XGA TFT LCD		
	Brightness (cd/m2)	400 nits		
	Resolution	1024 x 768		
Main System	CPU	Intel® Atom™ processor E3827 2C @1.75 GHz (Bay Trail)		
	Chipset	SoC Intergrated		
	System Memory	1 x 204-pin DDR3L-1333/1600 SO-DIMM up to 8 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA		
	Watchdog Timer	255 levels, 0~255 sec.		
	Onboard Graphics	Integrated Intel® HD Graphics		

I/O Connector	4 x RS232/422/485(COM 1/2/3/4) 1 x VGA
	1 x Audio (Line-out)
	2 x USB 3.0
	2 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	2 x PCie Mini Card
Touchscreen	Resistive type
Power Supply	9~36VDC with power protection
Dimensions	377.9 mm (14.89") (W) x 60.7 mm (2.39") (D) x 309.3 mm (12.17") (H)
Packing Dimensions	510 mm (20.09") (W) x 186 mm (7.32") (D) x 532 mm (20.95") (H)
Weight (net/gross)	4.2 kg (9.26 lb)/ 6.8 kg (14.99 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F)
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)
	Relative humidity:
	20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	1.3G, 10 ~ 500Hz, random for 2.5" HDD
	2 G, 10 ~ 500Hz, random for CFast™
Certificate	CE
* \A/T.\A/:-I- T	All M/T

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

#### **Ordering Information**

GOT3156T-834	15" XGA TFT fanless touch panel computer with Intel®
40101001 001	Atom™ E3827 1.75 GHz dual core processor, resistive touch
	screen and 9~36VDC terminal block connector

<sup>\*</sup> Specification and certifications are based on options and may vary.

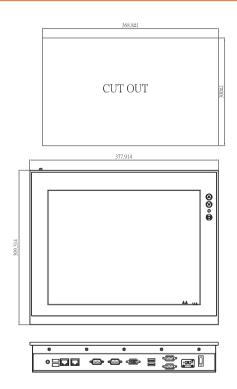
#### **Optional EOS Installation**

WES7			
WE8S			

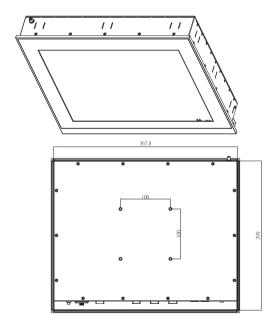
#### **Optional OS Installation**

Windows® 7	
Windows® 8.1	

#### **Dimensions**







Overview

0

Fanless Touch Panel Computers



Heavy-duty Fanless Touch Panel Computers



Computers

Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Healthcare & Medical Solutions

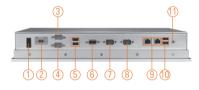




## GOT3156T-832

15" XGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor N2600 (-20°C ~ +55°C)





- 1. Power switch (ATX)
- 2. Power input (Phoenix)
- 3. COM 4 (RS-232)
- 4. COM 3 (RS-232)
- 5. USB 2.0 x 2
- 6. VGA
- 7. COM 1 (RS-232/422/485)
- 8. COM 2 (RS-232)
- D. GUIVI Z (NO-202
- 9. Ethernet x 2
- 10. USB 2.0 x 2
- 11. Audio (Line-out)

#### **Features**

- 15" XGA (1024 x 768) color TFT LCD display
- Fanless cooling system with Intel® Atom™ processor N2600
- Supports wide temperature range of -20°C ~ +55°C
- Anti-vibration up to 1.3G (HDD, random)
- Supports WLAN antenna (IEEE 802.1b/802.11g) (optional)
- Easy for expansion: Mini card (USB interface)
- Over-current protection-fuse
- Supports panel mount and optional VESA arm/desktop stand/ wall mount





▲ Rear view

















#### Introduction

The GOT3156T-832 adopts a 15-inch XGA 400 nits TFT LCD and supports Intel® Atom™ processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The rugged 15″ industrial panel PC supports low power Intel® Atom™ processor N2600. The fanless HMI can work under 1.3 G (10 ~ 500Hz, random for 2.5″ HDD) in operation mode with a patent of anti-vibration design. It also provides one PCle mini card slot for 3G, wireless network connectivity. The 12.1″ fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-20°C to +55°C)

The Intel® Atom™-based GOT3126T-832 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 12.1" SVGA high brightness IP65 industrial panel PC, GOT3156T-832, provides one PCle mini card slot and WLAN/3G antennas for wireless network connectivity.

Front Bezel	IP65, NEMA 4 rugger	IP65, NEMA 4 rugged protection, aluminum front bezel		
LCD Panel	Display Type	15" XGA TFT LCD		
	Brightness (cd/m2)	400 nits		
	Resolution	1024 x 768		
Main System	CPU	Intel® Atom™ processor N2600 2C @1.6 GHz		
	Chipset	Intel® NM10 Express		
	System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM max. up to 2 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™		
	Watchdog Timer	255 levels, 0~255 sec.		
	Onboard Graphics	Integrated in Intel® GFX		

I/O Connector	3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1)
	1 x VGA
	1 x Audio (Line-out)
	4 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCle Mini Card
Touchscreen	Resistive type
Power Supply	10~30VDC with power protection
Dimensions	378 mm (14.89") (W) x 60.7 mm (2.39") (D) x 309 mm (12.17") (H)
Packing Dimensions	510 mm (20.09") (W) x 186 mm (7.32") (D) x 532 mm (20.95") (H)
Weight (net/gross)	4.2 kg (9.26 lb)/ 6.8 kg (14.99 lb)
Environment	Operating temperature:
	-20°C ~ +55°C (-4°F ~ +131°F)
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)
	Relative humidity:
	20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	1.3G, 10 ~ 500Hz, random for 2.5" HDD
	2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE
W 1 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT3156T-832	15" XGA TFT fanless touch panel computer with Intel®
	Atom™ N2600 1.6GHz dual core processor, resistive touch
	screen and 10~30VDC terminal block connector

<sup>\*</sup> Specification and certifications are based on options and may vary.

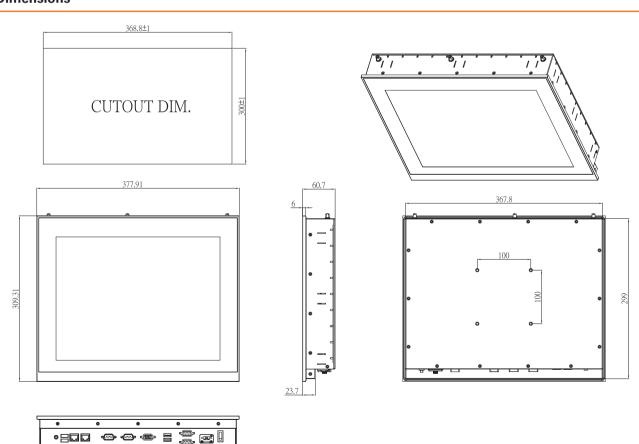
# **Optional EOS Installation**

WES		
WES 7 (32-bit)		

# **Optional OS Installation**

Windows® XP	
Windows® 7 (32-bit)	

#### **Dimensions**



Overview

Fanless Touch Panel

Computers

2

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

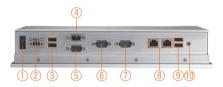
Healthcare & Medical Solutions

Open Frame Panel

# GOT3126T-834

12.1" XGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 (-20°C +55°C)





- 1. Power switch 2. DC power input
- 3. USB 2.0 x 2 4 VGA
- 5. COM 3 (RS-232/422/485)
- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232/422/485) 8 Ethernet x 2
- 9 USB 3 0 x 2
- 10. Audio (Line-out)













#### Introduction

The GOT3126T-834 adopts a 12.1-inch XGA 500 nits TFT LCD and supports Intel® Bay Trail processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The high brightness industrial panel PC supports low power Intel® AtomTM processor E3827. The industrial HMI can work under 1.3 G (10 ~ 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides two PCle mini card slots for 3G, wireless network connectivity. The 12.1" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-20°C to +55°C)

The Intel® AtomTM-based GOT3126T-834 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### WALN Antenna Support (optional)

The 12.1" XGA IP65 industrial panel PC, GOT3126T-834, provides two PCle mini card slots and WLAN/3G antennas for wireless network connectivity.

# Features

- 12.1" XGA (1024 x 768) color TFT LCD display
- Fanless cooling system with Intel® Atom™ E3827 1.75 GHz
- Supports wide temperature range of -20°C ~ +55°C
- Supports 2 Gigabit LAN, 2 USB 3.0, 2 USB 2.0 & 3 COM ports
- Supports WLAN/3G module and antenna (optional)
- Supports dual Express Mini card slots
- 9~36VDC wide voltage and over current protection
- Supports panel mount and optional VESA arm, desktop stand, wall mount
- Supports 2.5" SATA HDD & CFast™ or mSATA
- Adjust RS-232/422/485 setting via BIOS



Front Bezel	IP65, NEMA 4 rugge	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	12.1" XGA TFT LCD	
	Brightness (cd/m²)	500 nits	
	Resolution	1024 x 768	
Main System	CPU	Intel® Atom™ processor E3827	
		2C @1.75 GHz (Bay Trail)	
	Chipset	SoC Intergrated	
	System Memory	1 x 204-pin DDR3L-1333/1600	
		SO-DIMM up to 8 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD	
		1 x CFast™ or 1 x mSATA	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated Intel® HD Graphic	

I/O Connector	3 x RS-232/422/485 (COM 1/2/3)
	1 x VGA
	1 x Audio (Line-out)
	2 x USB 3.0
	2 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	2 x PCle Mini Card slots
Touchscreen	Resistive type
Power Supply	9~36V DC with power protection
Dimensions	311.5 mm (12.21") (W) x 56.9 mm (2.23") (D)
	x 250 mm (9.8") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)
Weight (net/gross)	2.8 kg (6.17 lb)/ 5 kg (11.02 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) (with W.T. DRAM/HDD/CF)
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	1.3G, 10 ~ 500Hz, random for 2.5" HDD
	2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE
* \ A / T \ \ A / C   T .	AULACT CONTRACTOR CONT

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT3126T-834	12.1" XGA TFT fanless touch panel computer with Intel®
	Atom™ E3827 1.75 GHz dual core processor, resistive touch
	screen and 9~36VDC terminal block connector

<sup>\*</sup> Specification and certifications are based on options and may vary.

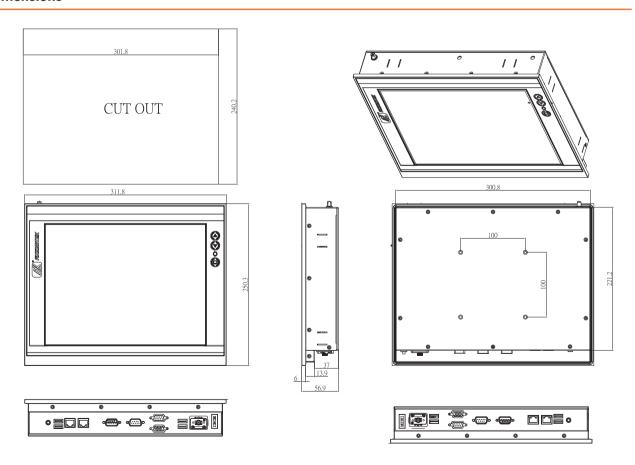
## **Optional EOS Installation**

WES7			
WE8S			

## **Optional OS Installation**

Windows® 8.1
Windows® 7

#### **Dimensions**



Overview

Fanless

Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

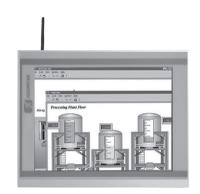
Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel

# GOT3126T-832

12.1" SVGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor N2600 (-20°C +55°C)





- 1. Power switch
- 2. DC power input 3. USB 2.0 x 2
- 4. VGA
- 5. COM 3 (RS-232)
- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232)
- 8. Ethernet x 2
- 9. USB 2.0 x 2
- 10. Audio (Line-out)

# Features

- 12.1" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with Intel® Atom™ N2600 1.6 GHz
- Supports wide temperature range of -20°C ~ +55°C
- Anti-vibration up to 1.3G (HDD, random)
- Supports WLAN antenna (optional)
- Easy for expansion: PCle Mini Card
- Over-current protection-fuse
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)





















# Introduction

The GOT3126T-832 adopts a 12.1-inch SVGA 500 nits LCD and supports Intel® Atom™ processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The rugged 12.1" industrial panel PC supports low power Intel® AtomTM processor N2600. The fanless HMI can work under 1.3 G (10 ~ 500Hz. random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides one PCle mini card slot for 3G, wireless network connectivity. The 15" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

#### Wide Temperature Range Support (-20°C to +55°C)

The Intel® Atom™-based GOT3126T-832 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 12.1" SVGA IP65 industrial panel PC, GOT3126T-832, provides one PCle mini card slot and WLAN/3G antennas for wireless network connectivity.

Front Bezel	IP65, NEMA 4 rugge	IP65, NEMA 4 rugged protection, aluminum front bezel	
LCD Panel	Display Type	12.1" SVGA TFT LCD	
	Brightness (cd/m²)	500 nits	
	Resolution	800 x 600	
Main System	CPU	Intel® Atom™ processor N2600 2C @1.6 GHz	
	Chipset	Intel® NM10 Express	
	System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM max. up to 2 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated in Intel® GFX	

I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 1 x VGA
	1 x Audio (Line-out)
	4 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCle Mini Card
Touchscreen	Resistive type
Power Supply	10~30VDC with power protection
Dimensions	311.5 mm (12.21") (W) x 56.9 mm (2.23") (D) x 250 mm (9.8") (H)
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (8.51") (H)
Weight (net/gross)	2.8 kg (6.17 lb)/ 5 kg (11.02 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) (with W.T. DRAM/HDD/CF)
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	1.3G, 10 ~ 500Hz, random for 2.5" HDD
	2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE
N 1 4 4 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GO.	T3126T-832	12.1" SVGA TFT fanless touch panel computer with Intel®
		Atom™ N2600 1.6 GHz dual core processor, resistive touch
		screen and 10~30VDC terminal block connector

<sup>\*</sup> Specification and certifications are based on options and may vary.

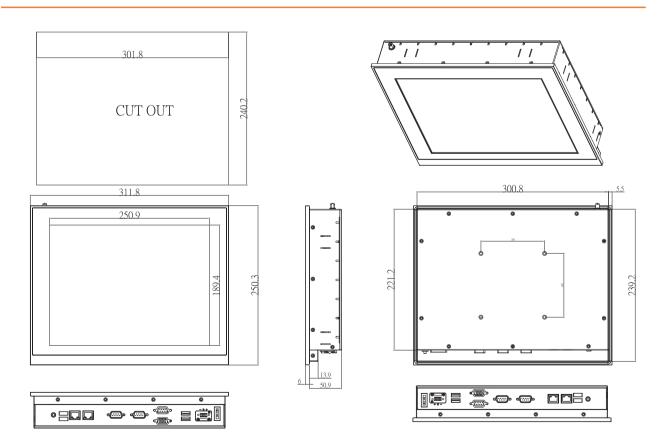
## **Optional EOS Installation**

WES	
Windows® 7 Embedded (32-bit	

## **Optional OS Installation**

Windows® XP	
Windows® 7 (32-bit)	

#### **Dimensions**



Overview

Fanless

Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

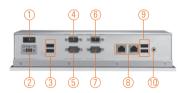
Healthcare & Medical Solutions

Open Frame Panel

# GOT3106T-832

10.4" SVGA TFT Extended Temp. Fanless Touch Panel Computer with Intel® Atom™ Processor N2600 (-20°C +55°C)





- 1. Power switch (ATX)
- 2. Power input connector (phoenix)
- 3. 2 x USB 2.0
- 4. COM 3 (RS-232)
- 5. COM 1 (RS-232/422/485)
- 6. VGA
- 7. COM 2 (RS-232)
- 8. 2 x Ethernet (RJ-45)
- 9. 2 x USB 2.0
- 10. Audio (Line-out)

# Features

- 10.4" SVGA (800 x 600) color TFT LCD
- Fanless cooling system with Intel® Atom™ N2600 1.6 GHz
- Supports wide temperature range of -20°C ~ +55°C
- Anti-vibration up to 1.3G (HDD, random)
- Supports WLAN antenna
- Over-current power protection-fuse
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)























## Introduction

The GOT3106T-832 adopts a 10.4-inch SVGA 400 nits TFT LCD and supports Intel® Atom™ processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The rugged 10.4" industrial panel PC supports low power Intel® AtomTM processor N2600. The fanless HMI can work under 1.3 G (10 ~ 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides one PCle mini card slot for 3G, wireless network connectivity. The 10.4" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems

#### Wide Temperature Range Support (-20°C to +55°C)

The Intel® Atom™-based GOT3106T-832 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment

#### **WALN Antenna Support (optional)**

The 10.4" SVGA IP65 industrial panel PC, GOT3106T-832, provides one PCle mini card slot and WLAN/3G antennas for wireless network connectivity.

Front Bezel	IP65, NEMA 4 rugge	d protection, aluminum front bezel
LCD Panel	Display Type	10.4" SVGA TFT LCD
	Brightness (cd/m²)	400 nits
	Resolution	800 x 600
Main System	CPU	Intel® Atom™ processor N2600 2C @1.6 GHz
	Chipset	Intel® NM10 Express
	System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM max. up to 2 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

I/O Connector	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM 1) 1 x VGA
	1 x Audio (Line-out)
	4 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCle Mini Card
Touchscreen	Resistive type
Power Supply	10~30VDC with power protection
Dimensions	223.55 mm (8.76") (W) x 63.09 mm (2.47") (D) x 277 mm (10.86") (H)
Packing Dimensions	380 mm (14.9") (W) x 190 mm (7.45') (D) x 440 mm (17.25") (H)
Weight (net/gross)	2.4 kg (5.29 lb)/ 3.8 kg (8.38 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F) (with W.T. DRAM/HDD/CF)
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
	Operation vibration:
	1.3G, 10 ~ 500Hz, random for 2.5" HDD
	2G, 10 ~ 500Hz, random for CompactFlash™
Certificate	CE
N 1 4 4 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

G0T3106T-832	10.4" SVGA TFT fanless touch panel computer with Intel®
	Atom™ N2600 1.6 GHz dual core processor, resistive touch
	screen and 10~30VDC terminal block connector

<sup>\*</sup> Specification and certifications are based on options and may vary.

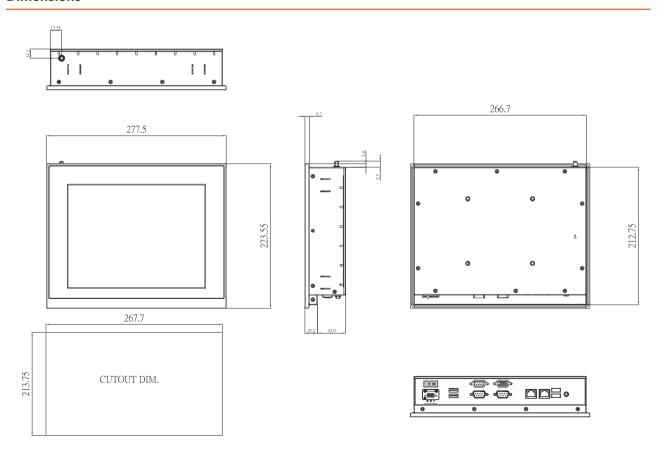
# **Optional EOS Installation**

WES	
Windows® 7 Embedded (32-bit)	

# **Optional OS Installation**

Windows® XP	
Windows® 7 (32-bit)	

#### **Dimensions**



Overview

Fanless Touch Panel

Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

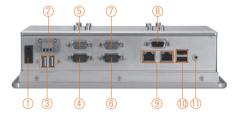
Healthcare & Medical Solutions

Open Frame Panel

# GOT3846T-832

8.4" SVGA TFT Fanless Touch Panel Computer with Intel® Atom™ Processor (-20°C +55°C)





- 1. Power switch
- 2. DC power input
- 3. USB 2.0 x 2
- 4. COM 1 (RS-232/422/485)
- 5. COM 3 (RS-232)
- 6. COM 2 (RS-232)
- 7. COM 4 (RS-232)
- 8. VGA
- 9. Ethernet x 2
- 10. USB 2.0 x 2
- 11. Audio (Line-out)

# **Features**

- 8.4" SVGA (800 x 600) color TFT LCD display
- Fanless design with Intel® Atom™ processor N2600 1.6 GHz
- Supports wide temperature range of -20°C ~ +55°C
- Aluminum front bezel & chassis
- Supports WLAN module & external antenna
- Supports 2 Gigabit LAN, 4 USB 2.0 & 4 COM ports
- Supports panel mount, wall mount, VESA arm, desktop stand (optional)





▲ Rear view















# Introduction

The GOT3846T-832 adopts an 8.4-inch SVGA 450 nits TFT LCD and supports Intel® Atom™ processor. By supporting a wide range operating temperature from -20°C to +55°C, it can be used in harsh environment. The rugged 8.4" industrial panel PC supports low power Intel® Atom™ processor N2600. The fanless HMI can work under 1.0 G (10 ~ 500Hz, random for 2.5" HDD) in operation mode with a patent of anti-vibration design. It also provides one PCle mini card slot for 3G, wireless network connectivity. The 8.4" fanless touch panel computer is suitable for transportation, heavy-duty industry, smart factory automation, and oil pipe monitoring systems.

# Wide Temperature Range Support (-20°C to +55°C)

The Intel® AtomTM-based GOT3846T-832 applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a compact design for harsh environment.

#### **WALN Antenna Support (optional)**

The 8.4" SVGA high brightness IP65 industrial panel PC, GOT3846T-832, provides one PCle mini card slot and WLAN/3G antennas for wireless network connectivity.

Front Bezel	IP65, NEMA 4 rugge	d protection, aluminum front bezel
LCD Panel	Display Type	8.4" SVGA TFT LCD
	Brightness (cd/m²)	450 nits
	Resolution	800 x 600
Main System	CPU	Intel® Atom™ processor N2600 2C @1.6 GHz
	Chipset	Intel® NM10 Express
	System Memory	1 x 204-pin DDR3-800/1066 SO-DIMM max. up to 2 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™ (optional)
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated Intel® GFX

I/O Connector	3 x RS-232 (COM 2/3/4)
	1 x RS-232/422/485 (COM 1)
	1 x VGA
	1 x Audio (Line-out)
	4 x USB 2.0
	2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCle Mini Card
Touchscreen	Resistive type
Power Supply	10~30VDC with power protection
Dimensions	248 mm (9.76") (W) x 58.3 mm (2.29") (D) x 183 mm (7.2") (H)
Packing Dimensions	390 mm (15.35") (W) x 190 mm (7.48") (D) x 430 mm (16.92") (H)
Weight (net/gross)	3.4 kg (7.49 lb)/5.8 kg (12.78 lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F)
	(with W.T. DRAM/HDD/CF)
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)
	Relative humidity: 10% ~ 95% @ 40°C; non-condensing
	Operation vibration:
	1G, 5 ~ 500Hz, random for 2.5" HDD
	2G, 5 ~ 500Hz, random for CompactFlash™
Certificate	CE

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

GOT3846T-832	8.4" SVGA TFT fanless touch panel computer with Intel®
	Atom™ N2600 1.6 GHz dual core processor, resistive touch
	screen and 10~30VDC terminal block connector

Overview

Fanless Touch Panel

Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Solutions

Open Frame Panel

Accessories

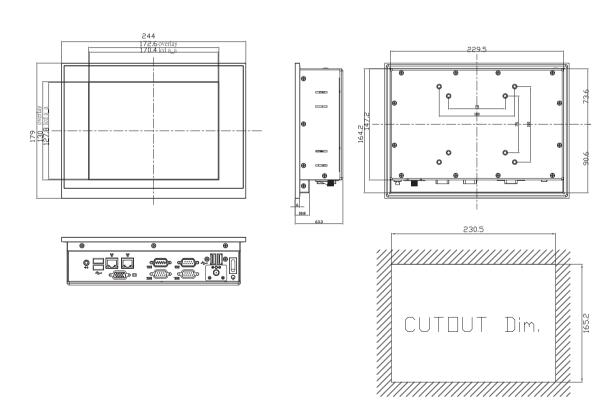
# **Optional EOS Installation**

WES	
Windows® Embedded Standard 7 (32-bit)	

# **Optional OS Installation**

Windows® XP	
Windows® 7 (32-bit)	

#### **Dimensions**



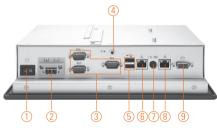
558

<sup>\*</sup> Specification and certifications are based on options and may vary.

# GOT-3840TL

8.4" SVGA TFT Cost-effective Fanless Touch Panel Computer





- 1. Power switch
- 2. DC inlet
- 3. COM 1/2/3
- (RS-232/422/485, RS-232)
- 4. Audio (Line-out)
- 5. USB 2.0 x 2
- 6. Ethernet
- 7. PS/2 K/B+M/S
- 8. Ethernet
- 9 VGA

# **Features**

- 8.4" SVGA (800 x 600) color TFT LCD display
- Fanless cooling system with low power AMD Geode LX800 500 MHz processor
- Supports Dual LAN & WLAN antenna
- Compact design for space-limited application
- Supports anti-vibration up to 1.3 G (HDD, random)

▲ Rear view

 Supports panel mount, wall mount, VESA arm, desktop stand (optional)













#### Introduction

The GOT-3840TL is a 8.4" fanless touch panel computer. Integrated with 8.4" TFT LCD and AMD Geode LX800 500 MHz processor, the GOT-3840TL provides customers the most economical solution. With the compact design, the GOT-3840TL is ideal for space-limited environments, such as industrial machinery and transportations. In response to the growing demand for WLAN application, the GOT-3840TL also supports optional WLAN antenna for wireless network connection. The GOT-3840TL can be used extensively for various applications including industrial machinery, processing status monitoring, and more.

#### **Cost-effective solution**

Integrated with 250 nits LCD and onboard AMD Geode LX800 500 MHz processor, the GOT-3840TL provides an economical solution for customers in response to demands for cost-effective product.

#### WLAN antenna supported (optional) and Dual-LAN

The GOT-3840TL provides a MiniPCI slot and an optional fixed rotational WLAN antenna for wireless network connections. By simply plugging in the WLAN card, customer can operate the GOT-3840TL in a wireless environment. Besides, the GOT-3840TL also supports Dual-LAN function for the growing demands of LAN connection.

#### Compact design for space-limited application

The GOT-3840TL is specially designed for space-limited applications including industrial machinery, transportation and home automation. This fanless touch computer is designed around the concept of small cut-out dimension. Moreover, the GOT-3840TL adopts sleek appearance and streamlined mechanical layout.

#### Anti-vibration up to 1.3G

With a special vibration- resistant design patent, the GOT-3840TL can work well under 1.3G (5–500Hz) in operation mode, and equipped with a 2.5 HDD.

•		
Front Bezel	IP65, NEMA 4 rugge	d protection, aluminum front bezel
LCD Panel	Display Type	8.4" SVGA TFT LCD
	Brightness (cd/m²)	250 nits
	Resolution	800 x 600
Main System	CPU	AMD Geode LX800 500 MHz
	Chipset	AMD LX + CS5536AD + ITE8888G
	System Memory	1 x 200-pin DDR SO-DIMM max. up to 1 GB
	BIOS	Award 4Mbit with RPL/PXE LAN boot ROM, Smartview and customer CMOS backup
	Storage	1 x 2.5" IDE HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in AMD LX chipset



I/O Connector	2 x RS-232 (COM 2/3)	
i/ O GOIIIICCIOI	1 x RS-232/422/485 (COM 1)	
	1 x VGA	
	1 x Audio (Line-out)	
	1 x PS/2 keyboard/mouse	
	2 x USB 2.0	
	2 x 10/100Mbps Ethernet	
Expansion Interface	1 x MiniPCI slot	
	1 x PC/104 slot	
Touchscreen	Resistive type	
Power Supply	16~28VDC, 48W, w/ fuse power protection	
Dimensions	280 mm (11.02") (W) x 69.3 mm (2.73") (D)	
	x 200 mm (7.87") (H)	
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D)	
	x 440 mm (17.32") (H)	
Weight (net/gross)	3.5 kg (7.7 lb)/4.2 kg (9.26 lb)	
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)	
	Storage Temperature: -20°C ~ +70°C (-4°F ~ +158°F)	
	Relative humidity: 10% ~ 95% @ 40°C; non-condensing	
	Operation vibration:	
	1.3G, 5 ~ 500Hz, random for 2.5"HDD	
	2G, 5 ~ 500Hz, random for CompactFlash™	
Certificate	CE	

# **Ordering Information**

GOT-3840TL	8.4" SVGA TFT cost-effective fanless touch panel computer
	with AMD Geode LX800 500 MHz processor, resistive touch
	screen and 16~28VDC terminal block connector

<sup>\*</sup> Specification and certifications are based on options and may vary.

#### **Optional Accessories**

•		
82238400800E	Wall/VESA kit for GOT-3840TL	
82018400060E	Desktop stand kid for GOT-3840TL	
50966A23040E	Power adapter, 70W, 110~230VAC to 24VDC	
E201840102	Metal cover for 1 PC/104 slot	
E201840101	Metal cover for 2 PC/104 slot	
E392203100	802.11 b/g wireless LAN kit	

<sup>\*</sup> Specification and certifications are based on options and may vary.

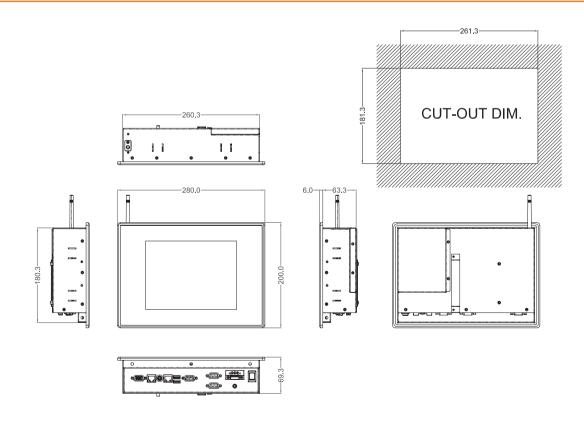
# **Optional EOS Installation**

Window® XP Embedded
Windows® CE.NET

#### **Optional OS Installation**

Windows® XP

#### **Dimensions**



Overview

Fanless

Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Solutions

Open Frame Panel

# GOT817-834

17" SXGA TFT IP66-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Flat Bezel Design with Intel® Atom™ Processor E3827  $(-20^{\circ}C \sim +55^{\circ}C)$ 





# **Features**

- 17" SXGA TFT LCD flat bezel-projected capacitive (or resistive) touch
- Water/dust/corrosion-proof design IP66/IP69K (NEMA4X)
- Full stainless steel enclosure with type 316
- Wide operating temperature range of -20°C ~ +55°C
- Fanless system with Intel® Atom™ processor E3827 1.75 GHz
- Wireless network connectivity
- Wide range DC 12~36V
- Supports suspension and VESA mount
- M12 type I/O connectors for harsh environments



- 1. Backlight switch
- 2. Brightness adjust
- 3. Power switch (ATX)
- 4. DC power connector (A-coded M12
- 5. COM 1 (RS-232/422/485) (A-coded M12) 6. COM 2 (RS-232/422/485) (A-coded M12)
- 7. Fthernet (X-coded)
- 8. USB 2.0 x 2 (A-coded M12)
- 9. USB 2.0 x 2 (A-coded M12)







waterproof, dustproof

ventilation valve















The 17-inch GOT817 is specially designed for food processing applications. Its IP66-rating stainless steel housing protects entire system from damage of water, powder and dust. It also outfits wide operating temperature range of -20°C ~ +55°C. Thus, this robust unit is best suited for extreme humility, dusty or wet spaces in food factories or kitchens and more harsh applications.

#### IP66-sealed system

The Axiomtek stainless touch panel PC GOT817-834 adopts a water/dust-proof housing design and five IP66-rated M12 connectors. It passes entire system IP66 test by SGS and verified salt mist test.

#### Full IP66 and IP69K compliance

Full NEMA4/IP66 rating, M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water. The Axiomtek GOT817-834 was tested by a spray nozzle with high temperature water (80°C) and a flow rate of 14-16 L/min and a nozzle hold with distance 10-15cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds. The outstanding 17" stainless touch panel PC is qualified to meet harsh environment applications

## Wide temp. (-20°C ~ +55°C) & anti-vibration (2G) design

The rugged 17" industrial stainless touch panel PC GOT817-834 supports wide temperature range from -20°C to +55°C and a-coded M12 connectors. Besides, the patent of anti-vibration for SSD ensures system reliability and stability for mission-critical environment.

Enclosure	Stainless type 316	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	170°/160°
Main System	CPU	Intel® Atom™ processor E3827 1.75 GHz (Bay Trail)
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L SO-DIMM max. up to 8 GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

I/O Connector	2 x RS-232/422/485 (default RS-232, A-Coded)	
	4 x USB 2.0 (A-Coded)	
	1 x 10/100/1000Mbps Ethernet (X-Coded)	
Expansion Interface	2 x PCle Mini Card slot	
Touchscreen	5-wire resistive touch or projected capacitive multi-touch	
Power Supply	Power input 12~36VDC	
Dimensions	415.92 mm (16.37") (W) x 54.96 mm (2.16") (D) x 348.34 mm	
	(13.71") (H)	
Packing Dimensions	250 mm (9.84") (W) x 585 mm (23.03") (D) x 615 mm (24.21") (H)	
Weight (net/gross)	7.04 kg(15.52 lb)/10.3 kg (22.71 lb)	
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F)	
	Storage Temperature: -30°C ~ +70°C (-22°F ~ +158°F)	
	Relative humidity: 10% ~ 95% @ 40°C, non-condensing	
	Operation vibration:	
	2G, 5 ~ 500Hz, random for 2.5" SSD	
	2G, 5 ~ 500Hz, random for CompactFlash™	
Certificate	CE	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Optional Accessories**

594B8122100E	E Water-proof COM port cable (1.8 m)	
594B8122820E Water-proof USB cable (1.8 m)		
594B8152710E	Water-proof LAN cable (1.8 m)	
50964A23000E	72W/24V power adapter with M12 connector	

# **Ordering Information**

Sunlight readable type	
GOT817-834-C-DC	17" SXGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G
GOT817-834-C-RF-DC	17" SXGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G
GOT817-834-R-DC	17" SXGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G
GOT817-834-R-RF-DC	17" SXGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G

<sup>\*</sup> Specification and certifications are based on options and may vary.

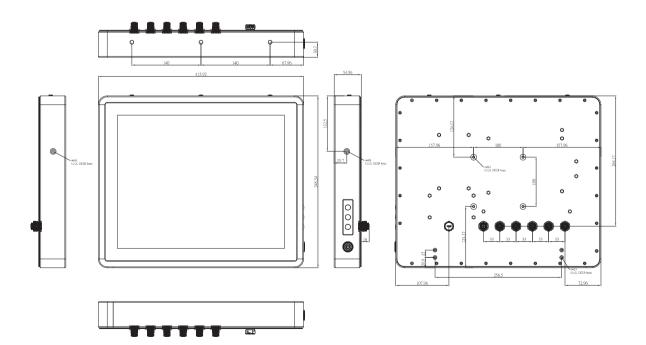
#### **Optional EOS Installation**

WES 7	
WE8S	

# **Optional OS Installation**

Windows® 7	
Windows® 8/8.1	

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

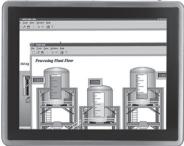
Open Frame Panel

# GOT815-834

15" XGA TFT IP66-rated Stainless Steel Fanless PCT (or Resistive Touch) Panel Computer with Flat Bezel Design with Intel® Atom™ Processor E3827  $(-20^{\circ}C \sim +55^{\circ}C)$ 









- 2. Brightness adjust
- 3. Power switch (ATX)
- 4. DC power connector (A-coded)
- 5. COM 1 (RS-232/422/485) (A-coded)
- 6. COM 2 (RS-232/422/485) (A-coded)
- 7. Fthernet (X-coded)
- 8. USB 2.0 x 2 (A-coded)
- 9. USB 2.0 x 2 (A-coded)







▲ Side view

waterproof, dust proof

ventilation valve













#### Introduction

The 15-inch GOT815 is specially designed for food processing applications. Its IP66-rating stainless steel housing protects entire system from damage of water, powder and dust. It also outfits wide operating temperature range of -20°C ~ +55°C. Thus, this robust unit is best suited for extreme humility, dusty or wet spaces in food factories or kitchens and more harsh applications.

#### IP66-sealed system

The GOT815 adopts a water/dust-proof housing design and five IP66-rated connectors. It passes entire system IP66 test by SGS and verified salt mist test.

#### Full IP66 and IP69K compliance

Full IP66 rating, M12 I/O connectors and IP69K compliance that ensures the product's ability to resist ingress of high temperature and high pressure water and was tested by a spray nozzle with high temperature water (80°C) and a flow rate of 14-16 L/min and a nozzle hold with distance 10-15cm away from the device at angles of 0°, 30°, 60° and 90° for 30 seconds, GOT815 is qualified to meet harsh environment applications.

#### Wide temp. (-20°C ~ +55°C) & anti-vibration (2G) design

The industrial touch panel PC supports wide temperature of -20°C ~ +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

# **Specifications**

Enclosure	Stainless type 316	
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness (cd/m²)	420 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/160°
Main System	CPU	Intel® Atom™ processor E3827 1.75 GHz (Bay Trail)
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L SO-DIMM max. up to 8 GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CFast™
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

# **Features**

- 15" XGA TFT LCD flat bezel-projected capacitive (or resistive) touch
- Water/dust/corrosion-proof design IP66/IP69K (NEMA4X)
- Full stainless steel enclosure with type 316
- Wide operating temperature range of -20°C ~ +55°C
- Fanless system with Intel® Atom™ processor E3827 1.75 GHz
- Wireless network connectivity
- Flexible and expandable with variety of M12 type I/O connections
- Wide range DC 9~36V
- Supports suspension and VESA mount
- M12 type connectors for harsh environments

0	
2 x RS-232/422/485 (default RS-232, A-Coded)	
4 x USB 2.0 (A-Coded)	
1 x 10/100/1000Mbps Ethernet (X-Coded)	
2 x PCle Mini Card slot	
5-wire resistive touch or projected capacitive multi-touch	
Power input 9~36VDC	
382 mm (15.4") (W) x 55 mm (2.17") (D) x 305 mm (12.01") (H)	
510 mm (20.07") (W) x 186 mm (7.32") (D) x 532 mm (20.94") (H)	
5.2kg (11.46lb)/ 8.4kg (18.51lb)	
Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F)	
Storage Temperature: -30°C ~ +70°C (-22°F ~ +158°F)	
Relative humidity: 10% ~ 95% @ 40°C, non-condensing	
Operation vibration:	
2G, 5 ~ 500Hz, random for 2.5" SSD	
2G, 5 ~ 500Hz, random for CompactFlash™	
CE	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Optional Accessories**

594B8122100E	Water-proof COM port cable (1.8 m)	
594B8122820E	Water-proof USB cable (1.8 m)	
594B8152710E	Water-proof LAN cable (1.8 m)	
50964A23000E	72W/24V power adapter with M12 connector	

# **Ordering Information**

Sunlight readable type	
GOT815-834-C-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G
GOT815-834-C-RF-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, projected capacitive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G
GOT815-834-R-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G
GOT815-834-R-RF-DC	15" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, 5-wire flat resistive touch screen, 9-36VDC power input, flat-bezel design and Wi-Fi or 3G

<sup>\*</sup> Specification and certifications are based on options and may vary.

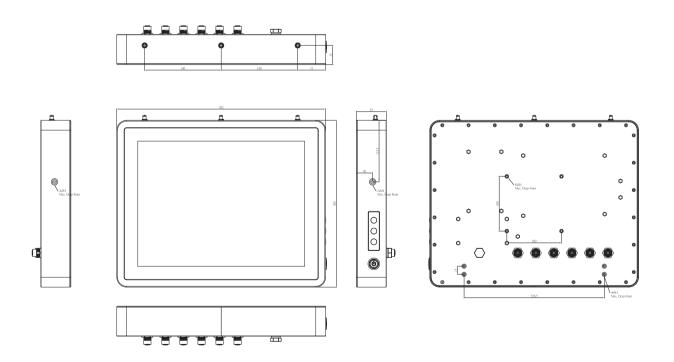
# **Optional EOS Installation**

WES 7			
WE8S			

## **Optional OS Installation**

Windows® 7	
Windows® 8/8.1	

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel

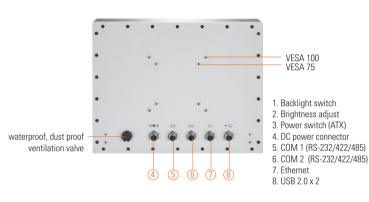
# GOT812LR-834

12.1"TFT IP66-rated Stainless Steel Fanless Touch Panel Computer with Intel® Atom™ Processor E3827 and High Brightness (-20°C ~ +55°C)



# **Features**

- Sunlight readable 12.1" high brightness (optional)
- Low-reflective color TFT LCD (optional)
- Water/dust/corrosion-proof design IP66 (NEMA4X)
- Type 316 stainless steel front bezel
- Wide operating temperature range of -20°C ~ +55°C
- Fanless system with Intel® Atom™ processor E3827 1.75 GHz
- Wireless network connectivity
- Flexible and expandable with variety of M12 type I/O connections
- Designed and tested according to IEC60945
- Supports suspension and VESA mount

















#### Introduction

The GOT812LR-834 is specially designed for heavy-duty & outdoor applications. Its IP66-rating stainless steel housing protects entire system from outside damage of water, powder and dust. It also outfits sunlight readable technology and wide operating temperature range of -20°C  $\sim$  +55°C. Thus, this robust unit is best suited for outdoor environments in extreme sunny or rainy day, dusty or wet spaces in food factories or kitchens and more harsh applications, such as steel factories, transformer stations and vessels.

#### IP66-sealed system

The 12.1" GOT812 adopts a water/dust-proof housing design and five IP66-rated connectors. It passes entire system IP66 test by SGS and verified salt mist test.

#### Sunlight readable design (optional)

Its sunlight readable technology with LED tech high brightness 1000 nits color display and low reflective touchscreen allows the screen legible even under strong sunlight for your options.

#### Wide temp. (-20°C ~ +55°C) & anti-vibration (2G) design

The 12.1" industrial touch panel PC supports wide temperature of  $-20^{\circ}\text{C} \sim +55^{\circ}\text{C}$ . Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Front Bezel	Stainless type 316	
LCD Panel	Display Type	12.1" XGA TFT LCD (GOT812LR) 12.1" SVGA TFT LCD (GOT812L)
	Brightness (cd/m²)	1000 nits (GOT812LR) 500 nits (GOT812L)
	Resolution	1024 x 768 (GOT812LR) 800 x 600 (GOT812L)
	Viewing Angle (H/V)	160°/140° (GOT812LR/GOT812L)
Main System	CPU	Intel® Atom™ processor E3827 1.75 GHz
	Chipset	SoC Intergrated
	System Memory	1 x 204-pin DDR3L SO-DIMM max. up to 8 GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CompactFlash™
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

I/O Connector	2 x RS-232/422/485 (default RS-232)
	2 x USB 2.0
	1 x 10/100/1000Mbps Ethernet
Expansion Interface	2 x PCle Mini Card slot
Touchscreen	5-wire resistive low reflective type
Power Supply	Power input 9-36VDC
Dimensions	304 mm (11.97") (W) x 58.5 mm (2.3") (D)
	x 248 mm (9.76") (H)
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D)
	x 430 mm (16.93") (H)
Weight (net/gross)	4.6 kg (10.14lb)/ 6.2kg (13.67lb)
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F)
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)
	Relative humidity: 10% ~ 95% @ 40°C, non-condensing
	Operation vibration:
	2G, 5 ~ 500Hz, random for 2.5" SSD
	2G, 5 ~ 500Hz, random for CompactFlash™
Certificate	CE

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## **Optional Accessories**

822B8120070E	GOT812 keyboard bracket (w/o keyboard)
822B8120080E	GOT812 suspension kit
594B8122100E	Water-proof COM port cable (1.8m)
594B8122820E	Water-proof USB cable (1.8m)
594B8122720E	Water-proof LAN cable (1.8m)
50964A23000E	72W/24V power adapter with M12 connector

# **Ordering Information**

GOT812LR-834-DC	12" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 9-36VDC power input
GOT812LR-834-RF-DC	12" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 9-36VDC power input and Wi-Fi or 3G
GOT812L-834-DC	12" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, general purpose LCD (500 nits), 5-wire resistive touch screen and 9-36VDC power input
GOT812L-834-RF-DC	12" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ E3827, general purpose LCD (500 nits), 5-wire resistive touch screen, 9-36VDC power input and Wi-Fi or 3G

<sup>\*</sup> Specification and certifications are based on options and may vary.

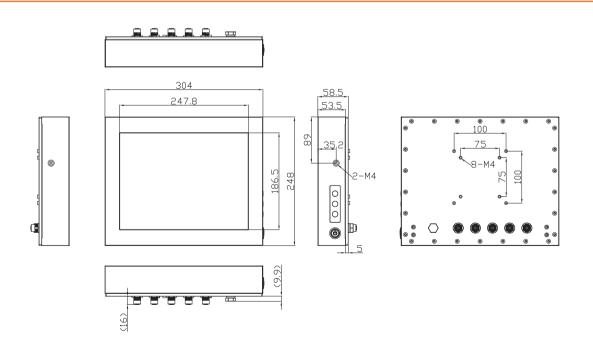
## **Optional EOS Installation**

WES 7	
WE8S	

# **Optional OS Installation**

Windows® 7	
Windows® 8/8.1	

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel

Computers

Industrial Touch

panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

Solutions

Open Frame Panel

# GOT812LR-832

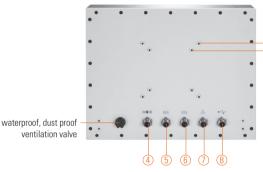
12.1" XGA TFT IP66-rated Stainless Steel Sunlight Readable Fanless Touch Panel Computer Intel® Atom™ Processor N2600 and High Brightness (-20°C ~ +55°C)



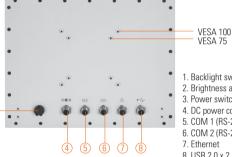


# **Features**

- Sunlight readable 12.1" XGA high brightness (1000 nits)
- Low-reflective color TFT LCD
- Water/dust/corrosion-proof design IP66 (NEMA4X)
- Type 316 stainless steel front bezel
- Wide operating temperature range of -20°C ~ +55°C
- Fanless system with Intel® Atom™ processor N2600 1.6 GHz
- Wireless network connectivity
- Flexible and expandable with variety of M12 type I/O connections
- Designed and tested according to IEC60945 and DNV 2.4 standards
- Supports suspension and VESA mount



Low Power





- 2. Brightness adjust
- 3. Power switch (ATX)
- 4. DC power connector 5. COM 1 (RS-232/422/485)
- 6. COM 2 (RS-232)
- 7. Ethernet
- 8. USB 2.0 x 2





M12 Connector



DDR3





Front Bezel	Stainless type 316	
LCD Panel	Display Type	12.1" XGA TFT LCD
	Brightness (cd/m²)	1000 nits
	Resolution	1024 x 768
	Viewing Angle (H/V)	160°/140°
Main System	CPU	Intel® Atom™ processor N2600 1.6 GHz Intel® NM10 Express
	Chipset	Intel® NM10
	System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 2 GB
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup
	Storage	1 x 2.5" SSD 1 x CompactFlash™
	Watchdog Timer	255 levels, 1~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

▲ Side view

#### Introduction

The GOT812LR-832 is specially designed for heavy-duty & outdoor applications. Its IP66-rating stainless steel housing protects entire system from outside damage of water, powder and dust. It also outfits sunlight readable technology and wide operating temperature range of -20°C ~ +55°C. Thus, this robust unit is best suited for outdoor environments in extreme sunny or rainy day, dusty or wet spaces in food factories or kitchens and more harsh applications, such as steel factories, transformer stations and

Ext. Temp

#### IP66-sealed system

The 12.1-inch GOT812 adopts a water/dust-proof housing design and five IP66-rated connectors. It passes entire system IP66 test by SGS and verified salt mist test.

#### Sunlight readable design

Its sunlight readable technology with LED tech high brightness 1000 nits color display and low reflective touchscreen allows the screen legible even under strong sunlight.

#### Wide temp. (-20°C ~ +55°C) & anti-vibration (2G) design

The 12.1" industrial touch panel PC supports wide temperature of -20°C ~ +55°C. Besides, the patent of anti-vibration for SSD ensures system reliability and stability.

Suspension mount

I/O Connector	1x RS-232/422/485 (COM 1 default RS-232)	
	1x RS-232 (COM 2)	
	2 x USB 2.0	
	1 x 10/100/1000Mbps Ethernet	
Expansion Interface	1 x PCle Mini Card slot	
Touchscreen	5-wire resistive low reflective type	
Power Supply	Power input 10~30VDC	
Dimensions	304 mm (11.97") (W) x 58.5 mm (2.3") (D)	
	x 248 mm (9.76") (H)	
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D)	
	x 430 mm (16.93") (H)	
Weight (net/gross)	4.5 kg (9.92 lb)/6 kg (14.33 lb)	
Environment	Operating temperature: -20°C ~ +55°C (-4°F ~ +131°F)	
	Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F)	
	Relative humidity: 10% ~ 95% @ 40°C, non-condensing	
	Operation vibration:	
	2G, 5 ~ 500Hz, random for 2.5" SSD	
	2G, 5 ~ 500Hz, random for CompactFlash™	
Certificate	CE	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Ordering Information**

Sunlight readable type	
GOT812LR-832-DC	12" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ N2600, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 9-36VDC power input
GOT812LR-832-RF-DC	12" XGA fanless IP66-rated stainless steel touch panel computer with Intel® Atom™ N2600, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 9-36VDC power input and Wi-Fi or 3G

<sup>\*</sup> Specification and certifications are based on options and may vary.

## **Optional EOS Installation**

WES			
WES 7			

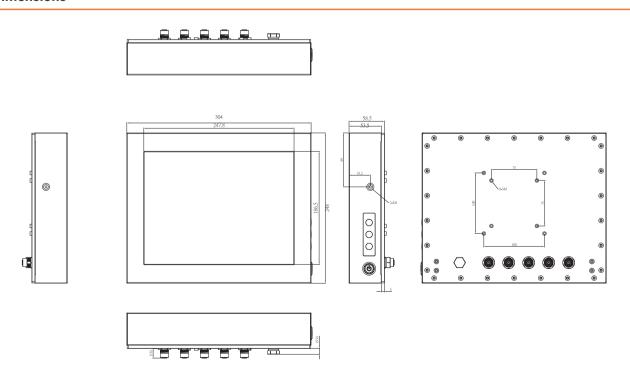
## **Optional OS Installation**

Windows® XP	
Windows® 7	

# **Optional Accessories**

822B8120070E	GOT812 keyboard bracket (w/o keyboard)
822B8120080E	GOT812 suspension kit
594B8122100E	Water-proof COM port cable (1.8m)
594B8122820E	Water-proof USB cable (1.8m)
594B8122720E	Water-proof LAN cable (1.8m)
50964A23000E	72W/24V power adapter with M12 connector

#### **Dimensions**



Overview

Fanless Touch Panel Computers

2

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

Solutions

Open Frame Panel

# GOT712-837

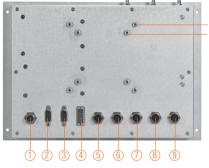
12.1" XGA EN50155 Railway Fanless Touch Panel PC with Intel® Atom™ Processor E3845 1.91 GHz (-25°C ~ +70°C)





# **Features**

- Sunlight readable 12.1" XGA high brightness (1000 nits)
- Fanless with Intel® Atom™ processor E3845 1.91 GHz
- Alternative keypad control in front bezel
- All lockable connectors design
- Auto-dimming for detecting the different environment
- Wide operating temperature: -25°C ~ +70°C
- EN50155 certificated for railway application



VESA 100 VESA 75

- 1. DC for power input with isolated 1.5KV
- 2. CAN Bus with isolated 1.5KV
- 3. Audio (Line out, Line in, speaker out)
- 4. DIO (6 input/2 output with isolated 1.5KV)
- 5. USB 2.0 x 2
- 6. COM 2 (RS-232/422/485 with isolated 1.5KV)
- 7. COM 1 (RS-232/422/485 with isolated 1.5KV)
- 8. LAN 2 (Gigabit LAN with isolated 1.5KV)
- 9. LAN 1 (Gigabit LAN with isolated 1.5KV)



▲ Side view















#### Introduction

The EN50155 railway touch panel PC, GOT712-837, is equipped with a 12.1-inch XGA TFT LCD display with high brightness LED backlight (800 nits), which can allow a train operator to easily read any operational status messages, even under direct sunlight. Design for ease of use and maintenance, this all-in-one 12.1" railway touch panel PC also has an alternative keypad control on the front panel for easy access and cleaning purposes. This feature-rich panel PC has an IP65 rating on the front bezel, M12 connectors and is EN50155 certified.

#### Wide Temperature Range Support (-25°C to +70°C)

The Intel® Atom™-based railway PC, GOT712-837, applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a high brightness display and co

#### **Designed for Railway Application**

The Axiomtek GOT712-837 is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling train functions such as speed, temperature, and security, or for fleet management. To ensure the panel PC's use in a variety of different locations, the 12.1-inch railway panel PC supports various mounting selections for panel mount, wall mount, VESA arm and desktop stand. Moreover, it is also ready for Windows® 8.1 or 7.

Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel		
LCD Panel	Display Type	12.1" XGA TFT LCD	
	Brightness (cd/m²)	800 nits	
	Resolution	1024 x 768	
	Viewing Angle (H/V)	160°/160°	
Main System	CPU	Intel® Atom™ processor E3845 1.91 GHz (Bay Trail)	
	Chipset	SoC Intergrated	
	System Memory	DDR3 4 GB (default) or 8 GB memory onboard	
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup	
	Storage	16 GB flash onboard 1 x mSATA	
	Watchdog Timer	255 levels, 1 ~ 255 sec.	
	Onboard Graphics	Integrated in Intel® GFX	

2 x RS-232/422/485 with isolated 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolated 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolated 1.5KV (M12, A-coded) 1 x Audio: Line out, Line in, speaker out (D-sub) 1 x DIO (6 input/2 output) with isolated 1.5KV (phoenix type) 1 x CAN bus with isolated 1.5KV (D-sub)
2 x PCle Mini Card slot
Alternative 5-wire resistive touch panel or keyboard
16.8V to 30V DC or 77V to 137.5V DC 10ms hold up time (S2)
330 mm (13") (W) x 64.4 mm (2.53") (D) x 245 mm (9.65") (H)
TBD
TBD
Operating temperature: $-25^{\circ}\text{C} \sim +70^{\circ}\text{C}$ (- $13^{\circ}\text{F} \sim +158^{\circ}\text{F}$ ) Storage Temperature: $-30^{\circ}\text{C} \sim +80^{\circ}\text{C}$ (- $22^{\circ}\text{F} \sim +176^{\circ}\text{F}$ ) Relative humidity: $10\% \sim 95\%$ @ $40^{\circ}\text{C}$ , non-condensing
EN50155 Railway, EN50121-3-2 Railway EMC, EN61373 Railway Shock/Vibration, EN45545 Compliance with keypad UIC612-01

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Optional Accessories**

822B7100060E	GOT712 3G+GPS Kit
822B7100050E	GOT712 Wi-Fi Kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 Cable
594B7102700E	M12 X-coded USB cable

# **Ordering Information**

24VDC Power Input (14.4V to 40VDC)		
GOT712-837-R-E3845- 24VDC	12" XGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable CD (1000 nits), 5-wire resistive touch screen and 24VDC power input	
110VDC Power Input (6	66V to 154VDC)	
GOT712-837-R-E3845- 110VDC	12" XGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 110VDC power input	

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional EOS Installation**

WES 7		
WE8S		

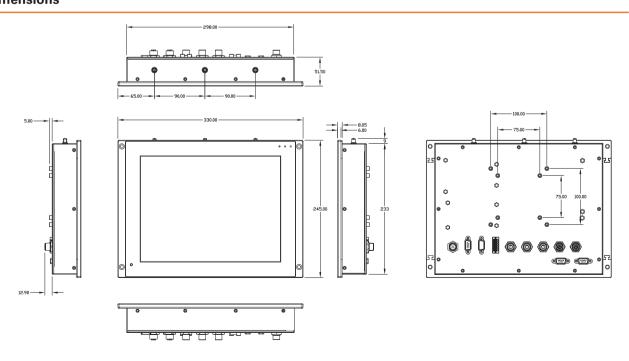
# **Optional OS Installation**

Windows® 7 Windows® 8/8.1



▲ Touch without keypad version

## **Dimensions**



570



0

Fanless Touch Panel Computers



Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers







Touch Panel Computers

Healthcare & Medical Solutions



Accessories

# GOT710-837

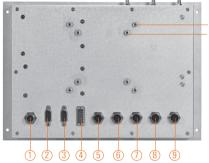
10.4" SVGA EN50155 Railway Fanless Touch Panel PC with Intel® Atom<sup>™</sup> Processor E3845 1.91 GHz (-25°C  $\sim$  +70°C)





# **Features**

- Sunlight readable 10.4" SVGA high brightness (1000 nits)
- Fanless with Intel® Atom™ processor E3845 1.91 GHz
- Alternative keypad control in front bezel
- All lockable connectors design
- Auto-dimming for detecting the different environment
- Wide operating temperature: -25°C ~ +70°C
- EN50155 certificated for railway application



VESA 100 VESA 75

- 1. DC for power input with isolated 1.5KV
- 2. CAN Bus with isolated 1.5KV
- 3. Audio (Line out, Line in, speaker out)
- 4. DIO (6 input/2 output with isolated 1.5KV)
- 5. USB 2.0 x 2
- 6. COM 2 (RS-232/422/485 with isolated 1.5KV)
- 7. COM 1 (RS-232/422/485 with isolated 1.5KV)
- 8. LAN 2 (Gigabit LAN with isolated 1.5KV) 9. LAN 1 (Gigabit LAN with isolated 1.5KV)



▲ Side view















#### Introduction

The EN50155 railway touch panel PC, GOT710-837, is equipped with a 10.4-inch SGVA TFT LCD display with high brightness LED backlight (1000 nits), which can allow a train operator to easily read any operational status messages, even under direct sunlight. Design for ease of use and maintenance, this all-in-one 10.4" railway touch panel PC also has an alternative keypad control on the front panel for easy access and cleaning purposes. This feature-rich panel PC has an IP65 rating, M12 connectors and is EN50155 certified.

#### Wide Temperature Range Support (-25°C to +70°C)

The Intel® AtomTM-based railway PC, GOT710-837, applies unique extended temperature technology with wide temperature range support as we as fanless operation. It also has a high brightness display and compact design for transport heavy-duty environment.

#### **Designed for Railway Application**

The Axiomtek GOT710-837 is particularly suitable for demanding HMI applications in the railway sector, including tasks like monitoring and controlling train functions such as speed, temperature, and security, or for fleet management. To ensure the panel PC's use in a variety of different locations, the 10.4-inch railway panel PC supports various mounting selections for panel mount, wall mount, VESA arm and desktop stand. Moreover, it is also ready for Windows® 8.1 or 7.

F . D . I	IDOE NEMA 4	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Front Bezel	IP65, NEMA 4 rugged protection, aluminum front bezel		
LCD Panel	Display Type	10.4" SVGA TFT LCD	
	Brightness (cd/m²)	1000 nits	
	Resolution	800 x 600	
	Viewing Angle (H/V)	160°/160°	
Main System	CPU	Intel® Atom™ processor E3845 1.91 GHz (Bay Trail)	
	Chipset	SoC Intergrated	
	System Memory	DDR3 4 GB (default) or 8 GB memory onboard	
	BIOS	AMI with Axiomtek standard features; such as, SmartView, Ethernet Boot ROM (RPL & PXE), customer CMOS backup	
	Storage	16 GB flash onboard 1 x mSATA	
	Watchdog Timer	255 levels, 1 ~ 255 sec.	
	Onboard Graphics	Integrated in Intel® GFX	

I/O Connector	2 x RS-232/422/485 with isolated 1.5KV (M12, A-coded) 2 x RJ-45 for Gigabit LAN with isolated 1.5KV (M12, X-coded) 2 x USB 2.0 (M12, A-coded) 1 x DC for power input with isolated 1.5KV (M12, A-coded) 1 x Audio: Line out, Line in, speaker out (D-sub) 1 x DI0 (6 input/2 output) with isolated 1.5KV (phoenix type) 1 x CAN bus with isolated 1.5KV (D-sub)
Expansion Interface	2 x PCle Mini Card slot
Flat Panel	Alternative 5-wire resistive touch panel or keyboard
Power Supply	16.8V to 30V DC or 77V to 137.5VDC 10ms hold up time (S2)
Dimensions	310 mm (12.20") (W) x 65.05 mm (2.56") (D) x 216 mm (8.50") (H)
Packing Dimensions	382 mm (15.04") (W) x 185 mm (7.28") (D) x 427 mm (16.81") (H)
Weight (net/gross)	2.4 kg (5.29 lb) / 5 kg (11.02 lb)
Environment	Operating temperature: -25°C ~ +70°C (-13°F ~ +158°F) Storage Temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 10% ~ 95% @ 40°C, non-condensing
Certificate	EN50155 Railway, EN50121-3-2 Railway EMC, EN61373 Railway Shock/Vibration, EN45545 Compliance with keypad UIC612-01

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

# **Optional Accessories**

822B7100060E	GOT710 3G+GPS Kit
822B7100050E	GOT710 Wi-Fi Kit
594B8122820E	M12 A-coded USB cable
594B7102100E	RS-232 Cable
594B7102700E	M12 X-coded USB cable

# **Ordering Information**

24VDC Power Input (14	I.4V to 40VDC)
GOT710-837-R-E3845- 24VDC	10" SVGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 24VDC power input
GOT710-837-R-E3845- 24VDC w/keypad	10" SVGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 24VDC power input and keypad
GOT710-837-G-E3845- 24VDC w/keypad	10" SVGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), non-touch screen, 24VDC power input and keypad
110VDC Power Input (6	66V to 154VDC)
GOT710-837-R-E3845- 110VDC	10" SVGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen and 110VDC power input
GOT710-837-R-E3845- 110VDC w/keypad	10" SVGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), 5-wire resistive touch screen, 110VDC power input and keypad
GOT710-837-G-E3845- 110VDC w/keypad	10" SVGA fanless EN50155 railway touch panel computer with Intel® Atom™ E3845, sunlight readable LCD (1000 nits), non-touch screen, 110VDC power input and keypad

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional EOS Installation**

WES 7 WE8S

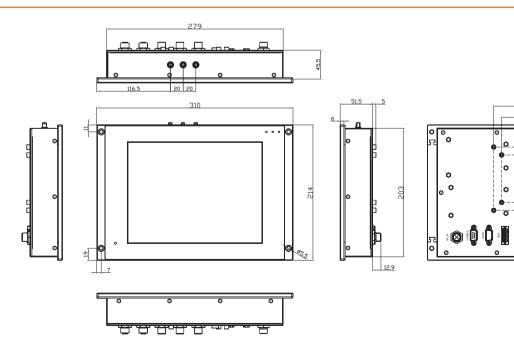
## **Optional OS Installation**

Windows® 7 Windows® 8/8.1



▲ Touch without keypad version

#### **Dimensions**



Fanless Touch Panel Computers

Overview

2

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Solutions

Open Frame Panel

Accessories

100 75

0



# Touch Panel Computers

# Touch Panel Computers



# **Industrial Panel Computers**



Axiomtek provides a complete range of industrial panel computers for automation applications. The high performance P1000 series focuses on factory and machinery market, which has ideal thermal solution, compact sized, easy maintenance design and light weight. IP65-rated front bezel is specially designed for continuous use in harsh environment. The P1000 series can help customers reduce time-to-market for industry automation.

		Introduction		5/5
		Selection Guide		576
44		Slim Series		
TAIWAN EXCELLENCE 2016	NEW	P1177S-881	17" SXGA TFT 5th Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor Slim Industrial Touch Panel Computer	579
		P1177S-871	17" SXGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor Slim Industrial Touch Panel Computer	581
	NEW	P1157S-881	15" XGA TFT 5th Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor Slim Industrial Panel Computer	583
		P1157S-871	15" XGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Slim Industrial Panel Computer	585
		Expandable Series		
		P1197E-861	19" SXGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 1 PCI or 1 PCIe Slot	587
袋	TAIWAN EXCELLENCE 2014	P1177E-871	17" SXGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 2 PCI or 2 PCI Slots	589
	NEW	P1177E-842	17" SXGA TFT Intel® Celeron® Processor J1900 Expandable Industrial Panel Computer with 1 PCI Slot	591
		P1157E-871	15" XGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 2 PCIe or 2 PCI Slots	593
		P1127E-871	12" XGA TFT 3rd Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Panel Computer with 2 PCIe or 2 PCI Slots	595

# 0

# **Industrial Panel Computers & Monitors**

#### **P1000 Slim Series with Scalable Performance**

The P1000 slim series is designed with cost-effectiveness, flexibility, reduction in time-to-market concepts in mind. Axiomtek has optimized P1000 slim series into compact and super lightweight industrial panel computers. It features an anti-corrosion front bezel made by advanced industrial-grade material and excellent vibration resistance up to 1Grms, and uses aluminum chassis to further enhance high reliability and flexibility. The P1000 slim series has minimized bulk and adds appeal to the industrial computer.

#### **Major Features**









▲ Slim Design with rich I/O

▲ Robust aluminum with IP65 compliant front bezel design

▲ Only 3 Screws to remove back cover

▲ Ideal thermal design for scalable performance

#### **P1000 Expandable Series with Flexible Integration**

The P1000 expandable series is designed for customer that need I/O card expansion and excellent computing power. From entry level to high performance platform, Axiomtek provides full range and size of P1000 expandable model to implement different application in automation. It features rugged designed housing and front bezel. Ideal thermal solution can ensure add-on card stability and enhance operation process with great precision. Rich mounting method including panel mount, wall mount, VESA mount and rack mount can fulfill different application facility without limitation. The P1000 expandable series has great balance between cost and performance.

# **Major Features**







▲ Expandable design & Multiple I/O port



▲ 5-wire resistive touch screen supported



▲ Flexible mounting ways: Desktop/Rack/Panel/Wall/VESA



# **Industrial Panel Computers**

P1000 Slim Series Selection Guide













Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial
Touch Panel
Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel

Accessories

Dana FOE

	Page 579	Page 581	Page 583	Page 585
Features Wodels	P1177S-881	P1177S-871	P1157S-881	P1157S-871
CPU Level	LGA1150 socket 5th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1150 socket 5th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium®	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium®
Chipset	Intel® H81	Intel® Q77	Intel® H81	Intel® Q77
System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
Display	17" TFT XGA, 250 nits	17" TFT SXGA, 350 nits	15" TFT XGA, 250 nits	15" TFT XGA, 350 nits
I/O	3 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x VGA 1 x HDMI 2 x USB 3.0 4 x USB 2.0 1 x Audio (Mic-in/Line-out)	2 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)	3 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x VGA 1 x HDMI 2 x USB 3.0 4 x USB 2.0 1 x Audio (Mic-in/Line-out)	2 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)
Storage	1 x 3.5" or 2 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" HDD	1 x 3.5" or 2 x 2.5" SATA HDD	1 x 3.5" or 2 x 2.5" HDD
DVD-RW	N/A	N/A	N/A	N/A
Expansion Interface	N/A	N/A	N/A	N/A
Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type	5-wire resistive type
Operation System	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S	Windows® 8.1, WE8S, Windows® 7, WES 7	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S
Power Supply	200W, 100 ~ 240VAC	270W, 100 ~ 240VAC	200W, 100 ~ 240VAC	270W, 100 ~ 240VAC
Power Consumption	142W	178W	142W	165W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1 ~ 255 sec.	255 levels, 1~255 sec.	255 levels, 1 ~ 255 sec.
Front Bezel	Aluminum with IP65/ NEMA 4 rugged protection	Aluminum with IP65/ NEMA 4 rugged protection	Aluminum with IP65/ NEMA 4 rugged protection	Aluminum with IP65/ NEMA 4 rugged protection
Dimensions (W x D x H)	410 x 80 x 338 mm (16.14" x 3.15" x 13.3")	410 x 80 x 338 mm (16.14" x 3.15" x 13.3")	378 x 72.2 x 309 mm (14.88" x 2.84" x 12.17")	378 x 72.2 x309 mm (14.88" x 2.84" x 12.17")
Weight (net/gross)	7 kg (15.43 lb)/ 10.8 kg (23.8 lb)	7 kg (15.43 lb)/ 10.8 kg (23.8 lb)	5.4 kg (11.88 lb)/ 7.8 kg (17.16 lb)	5.2 kg (11.46 lb)/ 7.5 kg (16.53 lb)
Operating Temperature	0° ~ +45°C (+32°F ~ +113°F)	0° ~ +45°C (+32°F ~ +113°F)	0° ~ +45°C (+32°F ~ +113°F)	0° ~ +45°C (+32°F ~ +113°F)
Certificate	CE	CE	CE	CE





# **Industrial Panel Computers**

P1000 Expandable Series Selection Guide











Page 587

Page 589

Page 5

LGA1155 socket 3rd generation   Intel® Core™ 177,613, Celeron® & Pentium® & Room®   Intel® Core™ 177,613, Celeron® & Pentium® & Room®   Intel® Core™ 177,613, Celeron® & Pentium® & Room®   Intel® Coleron® processor J1900   Intel® Core™ 177,613, Celeron® & Pentium® & Room®   Intel® Coleron® processor J1900   Intel® Core™ 177,613, Celeron® & Room®   Intel® Coleron® processor J1900   Intel® Core™ 177,613, Celeron® & Room®   Intel® Coleron® processor J1900   Intel® Core™ 177,613, Celeron® & Room®   Intel® Coleron® processor J1900   Intel® Core™ 178, Celeron® J1800   Intel® Core™ 178, Celeron® J180		rage 567	rage 307	Page 591
Intel® Core™17/5/30, Celeror® & Pentium® & Pentium® & Pentium® & Pentium® & Pentium® & Recore®	Features Wodels	P1197E-861	P1177E-871	P1177E-842
2 x 204-pin DDR3 S0-DIMM   max. up to 16 6B   max	CPU Level	Intel® Core™ i7/i5/i3, Celeron® &	Intel® Core™ i7/i5/i3, Celeron®,	
Page	Chipset	Intel® H61	Intel® C216	SoC Intergrated
3 x RS-232	System Memory			
1 x 85-222/42/485	Display	19" TFT SXGA, 350 nits	17" TFT SXGA, 350 nits	17" TFT SXGA, 250 nits
DVD-RW         1 x built-in slim type (optional)         1 x built-in slim type (optional)         1 x built-in slim type (optional)           Expansion Interface         1 x PCle x4 or 1 x PCl         2 x PCle x8 or 2 x PCl         1 x PCl           Touchscreen         5-wire resistive type         5-wire resistive type         5-wire resistive type           Operation System         Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WEBS         Windows® 7, WES 7, Windows® 8, WEBS         Windows® 7, WES 7           Power Supply         270W, 100 - 240VAC         270W, 100 - 240VAC         20W, 100 - 240VAC         20W, 100 - 240VAC           Power Consumption         162W         180W         67W           Watchdog Timer         255 levels, 1 - 255 sec.         255 levels, 1-255 sec.         255 levels, 1-255 sec.           Front Bezel         Aluminum with IP65/ NEMA 4 rugged protection           Weight (net/gross)         8 kg (17.64 lb)/ 10.4 kg (22.93 lb)         8.2 kg (18.08 lb)/ 12 kg (26.46 lb)         6.3 kg (13.89 lb)/ 10.1 kg (22.26 lb)           Operating Temperature         0° - +45°C (+32°F - +113°F)         0° - +45°C (+32°F - +113°F)         0° - +45°C (+32°F - +113°F)	1/0	1 x RS-232/422/485 2 x 10/100/1000 Mbps Ethernet 1 x DVI-D 1 x VGA 6 x USB 2.0 (Back) 2 x USB 2.0 (Front) 1 x PS/2 keyboard/mouse combo	1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0	1 x RS-232 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x VGA 1 x HDMI 1 x PS2 KB & 1 x PS2 MS 5 x USB 2.0 1 x USB 3.0
2 x PCle x8 or 2 x PCl   1x	Storage	2 x 2.5" HDD	1 x 3.5" or 2 x 2.5" HDD	1 x 3.5" or 1 x 2.5" SATA HDD
S-wire resistive type   S-wire resistive type   S-wire resistive type   S-wire resistive type	DVD-RW	1 x built-in slim type (optional)	1 x built-in slim type (optional)	1 x built-in slim type (optional)
Operation System         Windows® XP, XPe, Windows® 7, WES 7, Windows® 7, WES 7, Windows® 8, WESS         Windows® XP, XPe, Windows® 7, WES 7         Windows® 8.1, WESS, Windows® 8.1, WESS, Windows® 7, WES 7           Power Supply         270W, 100 ~ 240VAC         270W, 100 ~ 240VAC         200W, 100 ~ 240VAC           Power Consumption         162W         180W         67W           Natchdog Timer         255 levels, 1 ~ 255 sec.         255 levels, 1-255 sec.         255 levels, 1-255 sec.           Front Bezel         Aluminum with IP65/ NEMA 4 rugged protection           Dimensions W x D x H)         469 x 94.7 x 380.8 mm (18.46" x 3.73" x 14.99")         410 x 131 x 338 mm (16.14" x 5.16" x 13.3")         410 x 92 x 338 mm (16.14" x 3.62" x 13.30")           Weight (net/gross)         8 kg (17.64 lb)/ 10.4 kg (22.93 lb)         8.2 kg (18.08 lb)/ 12 kg (26.46 lb)         6.3 kg (13.89 lb) / 10.1 kg (22.26 lb)           Operating Temperature         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)	Expansion Interface	1 x PCIe x4 or 1 x PCI	2 x PCIe x8 or 2 x PCI	1x PCI
Operation System         WES 7, Windows® 8, WESS         WES 7, Windows® 7, WES 7           Power Supply         270W, 100 ~ 240VAC         270W, 100 ~ 240VAC         200W, 100 ~ 240VAC           Power Consumption         162W         180W         67W           Natchdog Timer         255 levels, 1 ~ 255 sec.         255 levels, 1 ~ 255 sec.         255 levels, 1 ~ 255 sec.           Front Bezel         Aluminum with IP65/ NEMA 4 rugged protection         Aluminum with IP65/ NEMA 4 rugged protection         Aluminum with IP65/ NEMA 4 rugged protection         NEMA 4 rugged protection           Dimensions W x D x H)         469 x 94.7 x 380.8 mm (18.46° x 3.73° x 14.99°)         410 x 131 x 338 mm (16.14° x 5.16° x 13.3°)         410 x 92 x 338 mm (16.14° x 5.16° x 13.3°)           Weight (net/gross)         8 kg (17.64 lb)/ 10.4 kg (22.93 lb)         8.2 kg (18.08 lb)/ 12 kg (26.46 lb)         6.3 kg (13.89 lb)/ 10.1 kg (22.26 lb)           Operating Temperature         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)	Touchscreen	5-wire resistive type	5-wire resistive type	5-wire resistive type
Power Consumption  162W  180W  67W  Natchdog Timer  255 levels, 1~255 sec.  255 levels, 1-255 sec.  255 levels, 1-255 sec.  Aluminum with IP65/ NEMA 4 rugged protection  16.14" x 5.16" x 13.3")  Neight (net/gross)  8 kg (17.64 lb)/ 10.4 kg (22.93 lb)  8 2 kg (18.08 lb)/ 12 kg (26.46 lb)  180W  67W  Aluminum with IP65/ NEMA 4 rugged protection  410 x 131 x 338 mm (16.14" x 5.16" x 13.3") (16.14" x 3.62" x 13.30")  Neight (net/gross)  8 kg (17.64 lb)/ 10.4 kg (22.93 lb)  8 2 kg (18.08 lb)/ 12 kg (26.46 lb)  6.3 kg (13.89 lb)/ 10.1 kg (22.26 lb)  Deerating Temperature  0° ~ +45°C (+32°F ~ +113°F)  0° ~ +45°C (+32°F ~ +113°F)	Operation System			
Natchdog Timer         255 levels, 1 ~ 255 sec.         255 levels, 1 ~ 255 sec.         255 levels, 1 ~ 255 sec.           Front Bezel         Aluminum with IP65/ NEMA 4 rugged protection         Aluminum with IP65/ NEMA 4 rugged protection         Aluminum with IP65/ NEMA 4 rugged protection           Dimensions         469 x 94.7 x 380.8 mm (18.46" x 3.73" x 14.99")         410 x 131 x 338 mm (16.14" x 5.16" x 13.3")         410 x 92 x 338 mm (16.14" x 3.62" x 13.30")           Weight (net/gross)         8 kg (17.64 lb)/ 10.4 kg (22.93 lb)         8.2 kg (18.08 lb)/ 12 kg (26.46 lb)         6.3 kg (13.89 lb) / 10.1 kg (22.26 lb)           Operating Temperature         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)	Power Supply	270W, 100 ~ 240VAC	270W, 100 ~ 240VAC	200W, 100 ~ 240VAC
Aluminum with IP65/ NEMA 4 rugged protection  469 x 94.7 x 380.8 mm (18.46" x 3.73" x 14.99")  (16.14" x 5.16" x 13.3")  Aluminum with IP65/ NEMA 4 rugged protection  410 x 92 x 338 mm (16.14" x 3.62" x 13.30")  (16.14" x 3.62" x 13.30")  Neight (net/gross)  8 kg (17.64 lb)/ 10.4 kg (22.93 lb)  8 2 kg (18.08 lb)/ 12 kg (26.46 lb)  6.3 kg (13.89 lb) / 10.1 kg (22.26 lb)  Operating Temperature  0° ~ +45°C (+32°F ~ +113°F)  0° ~ +45°C (+32°F ~ +113°F)	Power Consumption	162W	180W	67W
NEMA 4 rugged protection         NEMA 4 rugged protection         NEMA 4 rugged protection           Dimensions         469 x 94.7 x 380.8 mm (18.46" x 3.73" x 14.99")         410 x 131 x 338 mm (16.14" x 5.16" x 13.3")         410 x 92 x 338 mm (16.14" x 3.62" x 13.30")           W x D x H)         (18.46" x 3.73" x 14.99")         (16.14" x 5.16" x 13.3")         (16.14" x 3.62" x 13.30")           Weight (net/gross)         8 kg (17.64 lb)/ 10.4 kg (22.93 lb)         8.2 kg (18.08 lb)/ 12 kg (26.46 lb)         6.3 kg (13.89 lb) / 10.1 kg (22.26 lb)           Operating Temperature         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)         0° ~ +45°C (+32°F ~ +113°F)	Watchdog Timer	255 levels, 1 ~ 255 sec.	255 levels, 1~255 sec.	255 levels, 1~255 sec.
W x D x H) (18.46" x 3.73" x 14.99") (16.14" x 5.16" x 13.3") (16.14" x 3.62" x 13.30")  Weight (net/gross) 8 kg (17.64 lb)/ 10.4 kg (22.93 lb) 8.2 kg (18.08 lb)/ 12 kg (26.46 lb) 6.3 kg (13.89 lb) / 10.1 kg (22.26 lb)  Operating Temperature 0° ~ +45°C (+32°F ~ +113°F) 0° ~ +45°C (+32°F ~ +113°F)	Front Bezel			
<b>Operating Temperature</b> 0° ~ +45°C (+32°F ~ +113°F) 0° ~ +45°C (+32°F ~ +113°F) 0° ~ +45°C (+32°F ~ +113°F)	Dimensions (W x D x H)			
	Weight (net/gross)	8 kg (17.64 lb)/ 10.4 kg (22.93 lb)	8.2 kg (18.08 lb)/ 12 kg (26.46 lb)	6.3 kg (13.89 lb) / 10.1 kg (22.26 lb)
Certificate CE CE CE	Operating Temperature	0° ~ +45°C (+32°F ~ +113°F)	0° ~ +45°C (+32°F ~ +113°F)	0° ~ +45°C (+32°F ~ +113°F)
	Certificate	CE	CE	CE







Page 593

Page 595

	Page 593	Page 595
Features Wodels	P1157E-871	P1127E-871
CPU Level	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon®	LGA1155 socket 3rd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon®
Chipset	Intel® C216	Intel® C216
System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
Display	15" TFT XGA, 350 nits	12.1" TFT XGA, 500 nits
1/0	2 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)	1 x RS-232 1 x RS-232/422/485 with 5V & 12V 1 x RS-232 with 5V & 12V 2 x 10/100/1000 Mbps Ethernet 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 1 x Audio (Mic-in/Line-out)
Storage	1 x 3.5" or 2 x 2.5" HDD	1 x 2.5" HDD
Expansion Interface	2 x PCIe x8 or 2 x PCI	2 x PCIe x8 or 2 x PCI
Touchscreen	5-wire resistive type	5-wire resisitve type
Operation System	Windows® XP, XPe, Windows® 7, WES 7, Windows® 8, WE8S	Windows® XP, WES, Windows® 7, WES 7, Windows® 8, WE8S
Power Supply	200W, 100 ~ 240VAC	270W, 100 ~ 240VAC
Power Consumption	167W	160W
Watchdog Timer	255 levels, 1~255 sec.	255 levels, 1 ~ 255 sec.
Front Bezel	Aluminum with IP65/ NEMA 4 rugged protection	Aluminum with IP65/ NEMA 4 rugged protection
Dimensions (W x D x H)	378 x 125.5 x 309 mm (14.88" x 4.94" x 12.17")	311.5 x 111.85 x 250 (12.26" x 4.4" x 9.84")
Weight (net/gross)	6.2 kg (13.67 lb)/ 9.6 kg (21.16 lb)	5 kg (11.02 lb)/ 7.1 kg (15.65 lb)
Operating Temperature	0° ~ +45°C (+32°F ~ +113°F)	0° ~ +45°C (+32°F ~ +113°F)
Certificate	CE	CE



Overview

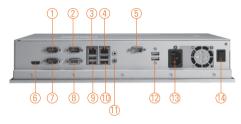
# P1177S-881

17" SXGATFT 5th/4th Generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Processor Slim Industrial Touch Panel Computer









- 1. 1 x RS-232/422/485 with 5V & 12V (COM 1)
- 2. 1 x RS-232/422/485 with 5V & 12V (COM 3)
- 3. 1 x RJ45 for Gigabit Ethernet (LAN1)
- 4. 1 x RJ45 for Gigabit Ethernet (LAN2) 5. 1 x RS-232 with 5V&12V (COM4)
- 5. 1 x RS-232 with 5V
- 7. 1 x RS-232/422/485 with 5V&12V (COM 2)
- 8. 1 x VGA
- 9. 2 x USB 3.0
- 10. 2 x USB 2.0
- 11. 1 x MIC-in, 1 x Line-out
- 12. 2 x USB 2.0
- 13. 1 x AC Plug
- 14. 1 x switch for power on/off

# **Features**

- 17" SXGA TFT LCD display
- LGA1150 socket 5th/4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor (Broadwell/Haswell)
- Intel® H81 chipset
- Easy installation: Less screw design for user's convenience
- 2 USB 3.0, 4 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design
- The best C/P ratio for HMI solution









# Introduction

The P1177S-881 is a multimedia 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177S-881 is powered by a high performance LGA1150 socket 5th/4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor with the Intel® H81 Express chipset (Broadwell/Haswell). It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

#### **Dual Monitor Display**

The P1177S-881 supports VGA or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal productivity.

#### Speaker and WLAN Antenna Supported

The P1177S-881 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

#### Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

Front Bezel	Aluminum with IP6	Aluminum with IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD	
	Brightness	250 nits	
	Resolution	1280 x 1024 pixels	
	Viewing Angle	170°/160°	
Main System	CPU	LGA1150 socket 5th/4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor (Broadwell/ Haswell)	
	Chipset	Intel® H81	
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB	
	BIOS	AMI UEFI BIOS with OA 3.0 built	
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD	
	Watchdog Timer	255 levels, 1~255 sec.	

<u> </u>	
IO Connector	3 x RS-232/422/485 with 5V & 12V
	1 x RS-232 with 5V & 12V
	1 x VGA
	1 x HDMI
	2 x USB 3.0
	4 x USB 2.0
	2 x 10/100/1000 Mbps Ethernet
	1 x Audio (Mic-in/Line-out)
Expansion Interface	N/A
Touchscreen	5-wire resistive type
	Light transmission 79%
	1 million activations (typical) at a single point
Power Supply	100 ~ 240VAC, 200W
Dimensions	410 mm (16.14") (W) x 80 mm (3.15") (D) x 338 mm (13.3") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	6.6kg (14.55lb) / 10.6kg (23.37lb)
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F)
	Storage Temperature: -20°C ~ +65°C (-4°F ~ +149°F)
	Relative humidity: 10 ~ 90%@40°C, non-considering
	Operating vibration: 1.0 G, 5-500Hz, random
Certificate	CE

# **Ordering Information**

P1177S-881	17" SXGA slim industrial touch panel computer supports
	LGA1150 socket Intel® 4th generation Core™ i7/i5/i3,
	Pentium® & Celeron® processor, resistive touch screen
	and 100~240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

## **Optional Accessories**

82211770060E	VESA & WALL mount kit
82211770070E	Rack mount kit
82011750130E	2 x 2.5" HDD Bracket
E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wall-mount)
82211271000E	Wireless LAN kit

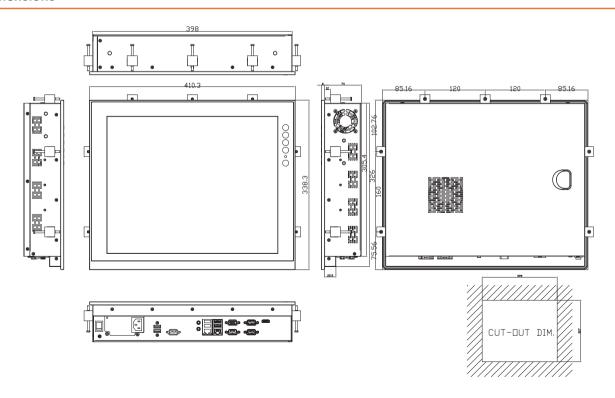
# **Optional OS Installation**

Windows®7/8.1 Windows® Embedded 7/8



▲ Less screw design

#### **Dimensions**



Overview

Fanless Touch Panel

Computers

Heavy-duty Fanless Touch Panel Computers

3

Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

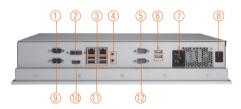
Solutions

Open Frame Panel

# P1177S-871

17" SXGA TFT Intel® Core™ i7/i5/i3. Celeron® & Pentium® Processor Slim Industrial Touch Panel Computer





- 1. COM 1 with 5V & 12V (RS-232/422/485)
- 2. DVI-I
- 3. Ethernet x 2
- 4. Audio (MIC-in/Line-out)
- 5. COM 3 with 5V & 12V (RS-232)
- 6. USB 2.0 x 2
- 7. AC plug 8. Power switch

11. USB 3.0 x 4

12. COM 4 (RS-232)

- 9. COM 2 (RS-232)
- 10. HDMI

# **Features**

- 17" SXGA TFT LCD display
- LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® Q77 chipset
- Easy installation: Less screw design for user's convenience
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design









# Introduction

The P1177S-871 is a multi-media 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177S-871 is powered by the high performance LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor with Intel® Q77 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performancedemanding applications. The industrial panel PC is most suitable for kiosk, factory and automation fields

#### **Dual display**

The P1177S-871 supports DVI or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal productivity.

#### Speaker and WLAN Antenna Supported

The P1177S-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module (optional) antenna for wireless network connectivity

#### Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

<u> </u>			
Front Bezel	Aluminum w/ IP65/	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD	
	Brightness	350 nits	
	Resolution	1280 x 1024 pixels	
	Viewing Angle	170°/160°	
Main System	CPU	LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor	
	Chipset	Intel® Q77	
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB	
	BIOS	AMI UEFI BIOS with OA 3.0 built	
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD	
	Watchdog Timer	255 levels, 1~255 sec.	

IO Connector	2 x RS-232 (COM 2 & COM 4)  1 x RS-232/422/485 with 5V & 12V (COM 1)  1 x RS-232 with 5V & 12V (COM 3)  1 x DVI-I  1 x HDMI  4 x USB 3.0  2 x USB 2.0  2 x 10/100/1000 Mbps Ethernet  1 x Audio (Mic-in/Line-out)	
Expansion Interface	N/A	
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point	
Power Supply	100 ~ 240VAC, 270W	
Dimensions	410 mm (16.14") (W) x 80 mm (3.15") (D) x 338 mm (13.3") (H)	
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)	
Weight(net/gross)	7 kg (15.43 lb)/ 10.8 kg (23.8 lb)	
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F) Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 10 ~ 95%@40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random	
Certificate	CE	

# **Ordering Information**

P1177S-871	17" SXGA slim industrial touch panel computer supports
	LGA1155 socket Intel® 3rd generation Core™ i7/i5/i3,
	Pentium® & Celeron® processor, resistive touch screen
	and 100~240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

## **Optional Accessories**

82211271000E	Wireless LAN kit	
82011750130E	2 x 2.5" HDD Kit	
82211770060E	VESA & WALL mount kit	
82211770070E	Rack mount kit	
E202003330	VM-101 (VESA ARM clamp type)	
E202003329	VM-105 (VESA ARM wall-mount)	

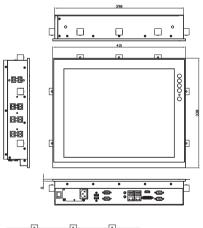
# **Optional OS Installation**

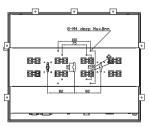
Windows® XP/XPe	
Windows® 7/8.1	
Windows® Embedded 7/8	

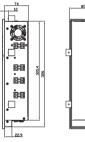


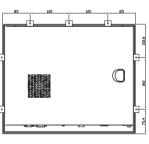
▲ Less screw design

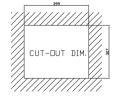
#### **Dimensions**











Overview

Fanless

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers

Industrial Touch panel Monitors



Infotainment Touch Panel Computers

Healthcare & Medical Solutions

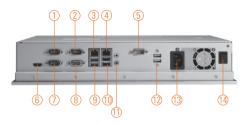


# P1157S-881

15" XGA TFT 5th/4th Generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon®Processor Processor Slim Industrial Touch Panel Computer







- 1. 1 x RS-232/422/485 with 5V & 12V (COM 1)
- 2. 1 x RS-232/422/485 with 5V & 12V (COM 3)
- 3. 1 x RJ45 for Gigabit Ethernet (LAN 1)
- 4. 1 x RJ45 for Gigabit Ethernet (LAN 2)
- 5. 1 x RS-232 with 5V&12V (COM 4)
- 6. 1 x HDMI
- 7. 1 x RS-232/422/485 with 5V&12V (COM 2)
- 8. 1 x VGA
- 9. 2 x USB 3.0
- 10. 2 x USB 2.0
- 11. 1 x MIC-in, 1 x Line-out
- 12. 2 x USB 2.0
- 13. 1 x AC Plug
- 14. 1 x switch for power on/off

# **Features**

- 15" XGA TFT LCD display
- LGA1150 socket 5th/4th generation Intel® Core™ i7/i5/i3 Celeron® & Pentium® processor (Broadwell/Haswell)
- Intel® H81 chipset
- Easy installation: a less screw design for user's convenience
- 2 USB 3.0, 4 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design
- The best C/P ratio for HMI solution









# Introduction

The P1157S-881 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157S-881 is powered by a high performance LGA1150 socket 5th/4th generation Intel® Core™ i7/i5/i3 Celeron® & Pentium® processor with the Intel® H81 Express chipset (Broadwell/Haswell). It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

#### **Dual Monitor Display**

The P1157S-881 supports VGA or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal productivity.

#### Speaker and WLAN Antenna Supported

The P1157S-881 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

#### Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

Front Bezel	Aluminum with IP65/NEMA 4 rugged protection		
LCD Panel	Display Type	15" XGA TFT LCD	
	Brightness	250 nits	
	Resolution	1024 x 768 pixels	
	Viewing Angle	160°/140°	
Main System	CPU	LGA1150 socket 5th/4th generation Intel® Core™ i7/i5/i3 Celeron® & Pentium® processor (Broadwell/ Haswell)	
	Chipset	Intel® H81	
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB	
	BIOS	AMI UEFI BIOS with OA 3.0 built	
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD	
	Watchdog Timer	255 levels, 1~255 sec.	

10.0		
IO Connector	3 x RS-232/422/485 with 5V & 12V	
	1 x RS-232 with 5V & 12V	
	1 x VGA	
	1 x HDMI	
	2 x USB 3.0	
	4 x USB 2.0	
	2 x 10/100/1000 Mbps Ethernet	
	1 x Audio (Mic-in/Line-out)	
Expansion Interface	N/A	
Touchscreen	5-wire resistive type	
	Light transmission 79%	
	1 million activations (typical) at a single point	
Power Supply	100 ~ 240VAC, 200W	
Dimensions	378 mm (14.88") (W) x 72.2 mm (2.84") (D)	
	x 309 mm (12.17") (H)	
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D)	
	x 590 mm (23.23") (H)	
Weight(net/gross)	5.4 kg (11.88 lb)/ 7.8 kg (17.16 lb)	
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F)	
	Storage Temperature: -20°C ~ +65°C (-4°F ~ +149°F)	
	Relative humidity: 10 ~ 90%@40°C, non-considering	
	Operating vibration: 1.0 G, 5-500Hz, random	
Certificate	CF	

# **Ordering Information**

P1157S-881	15" XGA slim industrial touch panel computer supports
	LGA1150 socket Intel® 4th generation Core™ i7/i5/i3,
	Pentium® & Celeron® processor, resistive touch screen
	and 100~240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

## **Optional Accessories**

82211570050E	VESA & WALL mount kit	
82211570060E	Rack mount kit	
72211571000E	2 x 2.5" HDD Bracket	
E202003330	VM-101 (VESA ARM clamp type)	
E202003329	VM-105 (VESA ARM wall-mount)	
82211271000E	Wireless LAN kit	

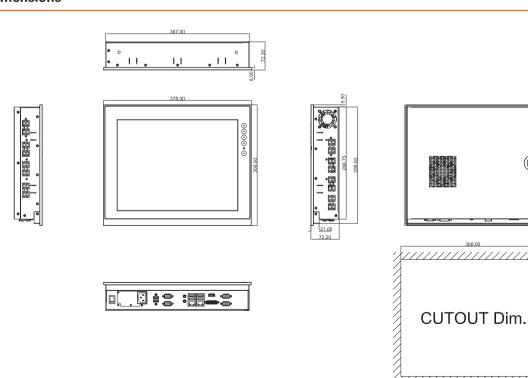
# **Optional OS Installation**

Windows® 7/8.1 Windows® Embedded 7/8



▲ Less screw design

#### **Dimensions**



Overview

Fanless

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

3

Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

Solutions

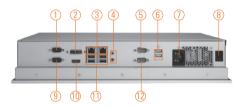
Open Frame Panel

Accessories

# P1157S-871

15" XGA TFT Intel® Core™ i7/i5/i3, Celeron® & Pentium® Slim Industrial Touch Panel Computer





- 1. COM 1 with 5V & 12V (RS-232/422/485)
- 2. DVI-I
- 3. Ethernet x 2
- 4. Audio (MIC-in/Line-out)
- 5. COM 3 with 5V & 12V (RS-232)
- 6. USB 2.0 x 2 7. AC plug
- 8. Power switch

11. USB 3.0 x 4

12. COM 4 (RS-232)

- 9. COM 2 (RS-232)
- 10. HDMI

# **Features**

- 15" XGA TFT LCD display
- LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® Q77 chipset
- Easy installation: a less screw design for user's convenience
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design









#### Introduction

The P1157S-871 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157S-871 is powered by a high performance LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processor with the Intel® Q77 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performancedemanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

#### **Dual Monitor Display**

The P1157S-871 supports DVI or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal productivity.

#### Speaker and WLAN Antenna Supported

The P1157S-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity

#### Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

Front Bezel	Aluminum w/ IP65/	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	15" XGA TFT LCD	
	Brightness	350 nits	
	Resolution	1024 x 768 pixels	
	Viewing Angle	160°/140°	
Main System	CPU	LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor	
	Chipset	Intel® Q77	
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB	
	BIOS	AMI UEFI BIOS with OA 3.0 built	
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD	
	Watchdog Timer	255 levels, 1~255 sec.	

-	
10 Connector 2 x RS-232 (COM 2 & COM 4) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0 2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in/Line-out)	
Expansion Interface	N/A
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point
Power Supply	100 ~ 240VAC, 270W
Dimensions	378 mm (14.88") (W) x 72.2 mm (2.84") (D) x 309 mm (12.17") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	5.2 kg (11.46 lb)/ 7.5 kg (16.53 lb)
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F) Storage Temperature: -20°C ~ +65°C (-4°F ~ +149°F) Relative humidity: 10 ~ 90%@40°C, non-considering Operating vibration: 1.0 G, 5-500Hz, random
Certificate	CE

# **Ordering Information**

P1157S-871	15" XGA slim industrial touch panel computer supports
	LGA1155 socket Intel® 3rd generation Core™ i7/i5/i3,
	Pentium® & Celeron® processor, resistive touch screen
	and 100~240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessories**

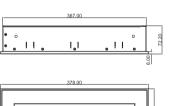
82211271000E	Wireless LAN kit
82211570050E	VESA & WALL mount kit
82211570060E	Rack mount kit
72211571000E	2 x 2.5" HDD Bracket
E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wall-mount)

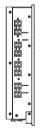
# **Optional OS Installation**

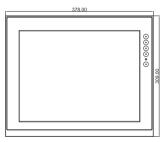
Windows® XP/XPe	
Windows® 7/8.1	
Windows® Embedded 7/8	



### **Dimensions**

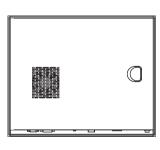


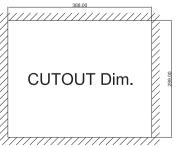












© 2016 Axiomtek Co., Ltd. All rights reserved.

Overview

Fanless Touch Panel

Computers

Heavy-duty Fanless Touch Panel Computers

3

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

Solutions

Open Frame Panel

# P1197E-861

19" SXGATFT Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Touch Touch Panel Computer with 1 PCI or 1 PCIe Slot





- 1 AC Plug
- 2. PS2 Keyboard & Mouse combo 7. 1 x PCle x 4 or 1 x PCl
- 3. 1 x RS-232/422/485 (COM1)
- 4. 1 x VGA
- 5. Ethernet x2
- 6. Audio (Mic-in/Line-out)
- 8. 2 x USB 2.0
- 9. 1 x RS-232 (COM2)
- 10. 1 x DVI-D

7)

- 11. 4 x USB 2.0 12. 1 x RS-232 (COM3)
- 13. 1 x RS-232 (COM4)
- 14. Power Switch

# **Features**

- 19" SXGA TFT LCD display
- LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® H61 chipset
- Easy installation: Less screw design for user's convenience
- 6 USB 2.0 (back), 2 USB 2.0 (front) and 4 COM ports
- Flexible expansion interface (PCle x4 or PCl slot)
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design









# Introduction

The P1197E-861 is a multimedia 19" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1197E-861 is powered by a high performance LGA1155 socket 3rd & 2nd generation Intel® Core™ processor with the Intel® H61 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial touch panel PC is most suitable for kiosk, factory and automation.

### Expandable for 1 PCIe or 1 PCI

The P1197E-861 has 1 PCle x4 or 1 PCl slot for expansion purpose. User can easily plug in standard half-size PCl or PCle card for any requirement.

### Speaker and WLAN Antenna Supported

The P1197E-861 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity

### **SATA HDD Trays for Easy Maintenance**

Without the complicated steps, users can maintain hard drive in 2 steps that make the work more efficiency.

### Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

Front Bezel	Aluminum w/ IP65/	NEMA 4 rugged protection
LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness	350 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® H61
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	2 x 2.5" SATA HDD
	Drive	1 x builtin slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1~255 sec.

**Dimensions** 

-	
IO Connector	3 x RS-232 (COM 2-4)
	1 x RS-232/422/485 (COM 1)
	1 x RS-232 with 5V & 12V (COM 3)
	1 x DVI-D
	1 x VGA
	6 x USB 2.0 (back)
	2 x USB 2.0 (front)
	2 x 10/100/1000 Mbps Ethernet
	1 x Audio (Mic-in/Line-out)
Expansion Interface	1 x PCle x4 or 1 x PCl
Touchscreen	5-wire resistive type
	Light transmission 79%
	1 million activations (typical) at a single point
Power Supply	100 ~ 240VAC, 270W
Dimensions	469 mm (18.46") (W) x 94.7 mm (3.73") (D) x 380.8 mm (14.99") (H)
Packing Dimension	615 mm (24.21") (W) x 250 mm (9.84") (D) x 585 mm (23.03") (H)
Weight(net/gross)	8 kg (17.64 lb)/ 10.4 kg (22.93 lb)
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F)
	Storage Temperature: -20°C ~ +65°C (-4°F ~ +149°F)
	Relative humidity: 10 ~ 90% @ 40°C, non-considering
	Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

# **Ordering Information**

P1197E-861 w/ PCle	19" SXGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd & 2nd generation Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 1 PCle x4 slot, 100-240VAC
P1197E-861 w/ PCI	19" SXGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd & 2nd generation Core™ i7/i5/i3, Pentium® & Celeron® processor, resistive touch screen and 1 PCI slot. 100–240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessories**

82211970060E	DVD-RW kit
82211970070E	VESA & wall mount kit
82231570160E	Wireless LAN kit
E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wall-mount)

# **Optional OS Installation**

Windows® XP/XPe	
Windows® 7/8.1	
Windows® Embedded 7/8	



▲ Less screw design

# A41.4 AB2 A41.4 CUT-DUT DIM. CUT-DUT DIM.

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

Solutions

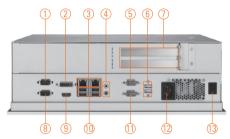
Open Frame Panel

# P1177E-871

17" SXGA TFT Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® Processor Expandable Industrial Touch Panel Computer with 2 PCle or 2 PCl Slots







- 1. COM 1 with 5V & 12V (RS-232/422/485)
- 2 DVI-I
- 3. Ethernet x 2
- 4. Audio (MIC-in/Line-out)
- 5. COM 3 with 5V & 12V (RS-232) 6. USB 2.0 x 2

10. USB 3.0 x 4

12. AC plug

11 COM 4 (RS-232)

13. Power switch

- 7. PCle x8 x 2 or PCl x 2
- 8. COM 2 (RS-232)

# Features

- 17" SXGA TFT LCD display
- LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
- Intel® C216 chipset
- Easy installation: a less screw design for user's convenience
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- Flexible expansion interface (two PCle x8 or two PCl slots)
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design









# Introduction

The P1177E-871 is a multimedia 17" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1177E-871 is powered by a high performance 3rd & 2nd generation Intel® Core™ i7/ i5/i3, Celeron®, Pentium® & Xeon® processors with the Intel® C216 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dualchannel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

### **Dual Monitor Display**

The P1177E-871 supports DVI or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal productivity.

### Expandable for 2 PCIe or 2 PCI

The P1177E-871 has 2 PCle x8 or 2 PCl ports for expansion purpose. User can easily plug in standard half-size PCI or PCIe card for any requirement.

# Speaker and WLAN Antenna Supported

The P1177E-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

# Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times

Front Bezel	Aluminum w/ IP65/	Aluminum w/ IP65/NEMA 4 rugged protection	
LCD Panel	Display Type	17" SXGA TFT LCD	
	Brightness	350 nits	
	Resolution	1280 x 1024 pixels	
	Viewing Angle	170°/160°	
Main System	CPU	LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/ i3, Celeron®, Pentium® & Xeon® processor	
	Chipset	Intel® C216	
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB	
	BIOS	AMI UEFI BIOS with OA 3.0 built	
	Storage	1 x 3.5" or 2 x 2.5" SATA HDD	
	Drive	1 x built-in slim DVD-RW (optional)	
	Watchdog Timer	255 levels, 1~255 sec.	

IO Connector	2 x RS-232 (COM 2 & COM 4)
	1 x RS-232/422/485 with 5V & 12V (COM 1)
	1 x RS-232 with 5V & 12V (COM 3)
	1 x DVI-I
	1 x HDMI
	4 x USB 3.0
	2 x USB 2.0
	2 x 10/100/1000 Mbps Ethernet
	1 x Audio (Mic-in/Line-out)
Expansion Interface	2 x PCle x8 or 2 x PCl
Touchscreen	5-wire resistive type
	Light transmission 79%
	1 million activations (typical) at a single point
Power Supply	100 ~ 240VAC, 270W
Dimensions	410 mm (16.14") (W) x 131 mm (5.16") (D) x 338 mm (13.3") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight(net/gross)	8.2 kg (18.078 lb)/12 kg (26.46 lb)
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F)
	Storage Temperature: -20°C ~ +60°C (-4°F ~ +140°F)
	Relative humidity: 10 ~ 90%@40°C, non-considering
	Operating vibration: 1.0G, 5-500Hz, random
Certificate	CE

# **Ordering Information**

P1177E-871 w/ PCle	17" SXGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/ i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen and 2 PCle x8 slot, 100-240VAC
P1177E-871 w/ PCI	17" SXGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/ i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen and 2 PCI slot. 100~240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessonies**

82211271000E	Wireless LAN kit	
82011750130E	2 x 2.5" HDD kit	
8211770120E	VESA & Wall Mount kit	
82211770070E	Rack mount kit	
82211770110E	P1177E-871 DVD-RW Kit	
E202003330	VM-101 (VESA ARM clamp type)	
E202003329	VM-105 (VESA ARM wall-mount)	

# **Optional OS Installation**

Windows® XP/XPe	
Windows® 7/8.1	
Windows® Embedded 7/8	

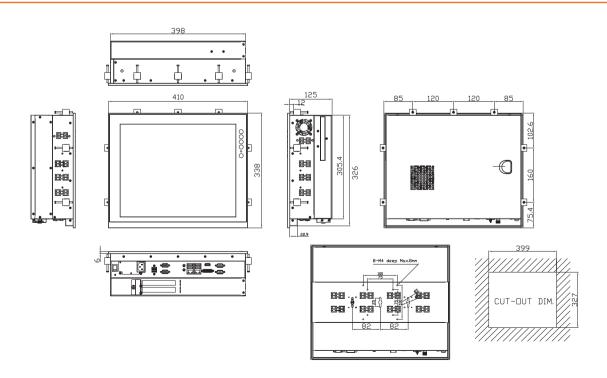






▲ Less screw design

# **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel

Computers

Healthcare & Medical

Solutions

Open Frame Panel

# P1177E-842

17" SXGA TFT Intel® Celeron® Processor J1900 Expandable Industrial Touch Panel Computer with 1 PCI Slot





- 1.1 x AC Plug
- 2. PS/2 Mouse
- 3. PS/2 Keyboard
- 4. 1 x RS-232/422/485 (COM1)
- 5. 1 x RS-232/422/485 (COM2)
- 6. 1 x VGA
- 7. 1 x HDMI
- 8. 1 x RJ-45 for Gigabit Ethernet
- 9. 1 x USB 3.0, 1 x USB 2.0
- 10. 1 x RJ-45 for Gigabit Ethernet
- 11. 2 x USB 2.0
- 12. 1 x Line-out
- 13. 1 x Mic-in
  - 14. 1 x PCI Card expansion slot
  - 15. 1 x RS-232 (COM3)
  - 16. 1 x RS-232 (COM4)
  - 17. 1 x Switch for power on/off

# **Features**

- 17" SXGA TFT LCD display
- Intel® Celeron® Quad Core processor J1900 2.0 GHz (Intel® Bay Trail platform)
- One PCI expansion slot
- 1 USB 3.0, 3 USB 2.0 and 4 COM ports
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design



▲ Easy Maintenance & Hardware Installation







# Introduction

The P1177E-842 is a multimedia 17" industrial touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. The 17-inch high performance touch panel system is powered by Intel® Celeron® Processor J1900 at 2.0 GHz (Intel® Bay Trail platform). It features four COM ports, two Gigabit Ethernet, one USB 3.0 and three USB 2.0 ports. The optional front bezel can be more flexible for automation application.

# **Dual Monitor Display**

The Axiomtek P1177E-842 supports VGA or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal

# Speaker and WLAN Antenna Supported

The Axiomtek 17" IP65/NEMA rugged industrial touch panel PC features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

# **Expandable for 1 PCI**

The P1177E-842 has 1 PCI slot for expansion purpose. User can easily plug in standard half-size PCI or PCIe card for any requirement.

Front Bezel	Aluminum with IP6	5/NEMA 4 rugged protection
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness	250 nits
	Resolution	1280 x 1024 pixels
	Viewing Angle	170°/160°
Main System	CPU	Intel® Celeron® Processor J1900 at 2.0 GHz (Intel® Bay Trail platform)
	System Memory	1 x 204-pin DDR3L-1333 SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5" or 2.5" SATA HDD 1 x mSATA
	Watchdog Timer	255 levels, 1~255 sec.

<u> </u>	
IO Connector	2 x RS-232/422/485
	1 x RS-232
	1 x RS-232 with 5V & 12V
	2 x 10/100/1000 Mbps Ethernet
	1 x VGA
	1 x HDMI
	1 x PS2 KB & 1 x PS2 MS
	1 x USB 3.0, 5 x USB 2.0
	1 x Audio (Mic-in/Line-out)
Expansion Interface	1 x PCI Slot
	1 x PCle Mini Card with SIM Slot
Touchscreen	5-wire resistive type
	Light transmission 79%
	1 million activations (typical) at a single point
Power Supply	100~240 VAC, 200W
Dimensions	410 mm (16.14") (W) x 92 mm (3.62") (D) x 338 mm (13.30") (H)
Packing Dimension	605 mm (23.82") (W) x 240 mm (9.45") (D) x 570 mm (22.44") (H)
Weight(net/gross)	6.3 kg (13.89 lb) / 10.1 kg (22.27 lb)
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F)
	Storage Temperature: -20°C ~ +65°C (-4°F ~ +149°F)
	Relative humidity: 10 ~ 90%@40°C, non-considering
	Operating vibration: 1.0 G, 5-500Hz, random
Certificate	CE

# **Ordering Information**

P1177E-842	17" SXGA expandable industrial touch panel computer with Intel® Celeron® J1900 2.0GHz (up to 2.42 GHz) quad
	core processor, resistive touch screen, 1 PCI slot and 100~240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessories**

82211770060E	VESA & WALL mount kit	
82211770070E	Rack mount kit	
E202003330	VM-101 (VESA ARM clamp type)	
E202003329	VM-105 (VESA ARM wall-mount)	
82231570160E	Wireless LAN Kit	

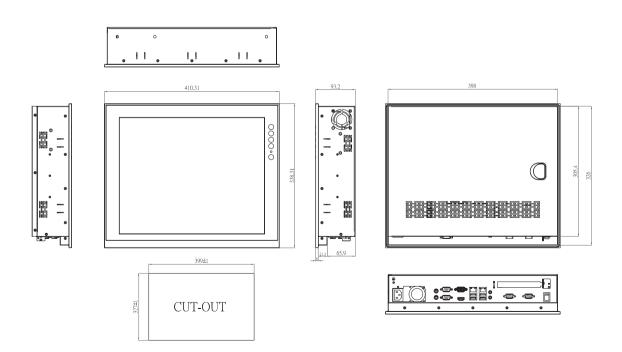
# **Optional OS Installation**

Windows® 7/8.1	
Windows® Embedded 7/8	



▲ Less screw design

# **Dimensions**



Overview

Fanless

Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical

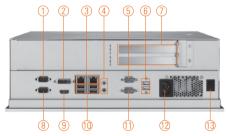
Solutions

Open Frame Panel

# P1157E-871

15" XGA TFT Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Touch Panel Computer with 2 PCIe or 2 PCI Slots





- 1. COM 1 with 5V & 12V (RS-232/422/485)
- 2. DVI-I
- 3. Ethernet x 2
- 4. Audio (MIC-in/Line-out)
- 6. USB 2.0 x 2
- 7. PCle x8 x 2 or PCl x 2
- 8. COM 2 (RS-232)
- 9 HDMI
- 5. COM 3 with 5V & 12V (RS-232)
  - 11. COM 4 (RS-232)
    - 12. AC plug
- 10. USB 3.0 x 4
  - 13. Power switch

# **Features**

- 15" XGA TFT LCD display
- LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
- Intel® C216 chipset
- Easy installation: Less screw design for user's convenience
- 4 USB 3.0, 2 USB 2.0 and 4 COM ports
- Flexible expansion interface (two PCle x8 or two PCl slots)
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design









# Introduction

The P1157E-871 is a multimedia 15" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1157E-871 is powered by a high performance LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Pentium® & Celeron® processors with the Intel® C216 Express chipset. It features four COM ports, two Gigabit Ethernet and up to 16 GB memory of dual-channel DDR3 that delivers high computing capability for high performancedemanding applications. The industrial panel PC is most suitable for kiosk, factory and automation

### **Dual Monitor Display**

The P1157E-871 supports DVI or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves personal productivity.

### Expandable for 2 PCIe or 2 PCI

The P1157E-871 has 2 PCle x8 or 2 PCl slots for expansion purpose. User can easily plug in standard half-size PCI or PCIe card for any requirement.

### Speaker and WLAN Antenna Supported

The P1157E-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

### Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

Front Bezel	Aluminum w/ IP65/	NEMA 4 rugged protection
LCD Panel	Display Type	15" XGA TFT LCD
	Brightness	350 nits
	Resolution	1024 x 768 pixels
	Viewing Angle	160°/140°
Main System	CPU	LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® processor
	Chipset	Intel® C216
	System Memory	2 x 204-pin DDR3 SO-DIMM dual channel max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 3.5"or 2 x 2.5" SATA HDD
	Drive	1 x builtin slim DVD-RW (optional)
	Watchdog Timer	255 levels, 1~255 sec.

<u> </u>	
IO Connector	2 x RS-232 (COM 2 & COM 4)
	1 x RS-232/422/485 with 5V & 12V (COM 1)
	1 x RS-232 with 5V & 12V (COM 3)
	1 x DVI-I
	1 x HDMI
	4 x USB 3.0
	2 x USB 2.0
	2 x 10/100/1000 Mbps Ethernet
	1 x Audio (Mic-in/Line-out)
Expansion Interface	2 x PCle x8 or 2 x PCl
Touchscreen	5-wire resistive type
	Light transmission 79%
	1 million activations (typical) at a single point
Power Supply	100 ~ 240VAC, 270W
Dimensions	378 mm (14.88") (W) x 125.5 mm (4.94") (D)
	x 309 mm (12.17") (H)
Packing Dimension	610 mm (24.02") (W) x 260 mm (10.24") (D)
	x 590 mm (23.23") (H)
Weight(net/gross)	6.2 kg (13.67 lb)/ 9.6 kg (21.16 lb)
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F)
	Storage Temperature: -20°C ~ +65°C (-4°F ~ +149°F)
	Relative humidity: 10 ~ 90%@40°C, non-considering
	Operating vibration: 1.0 G, 5-500Hz, random
Certificate	CE

# **Ordering Information**

P1157E-871 w/ PCle	15" XGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/ i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen, 2 PCle x8 slot and 100-240VAC
P1157E-871 w/ PCI	15" XGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/ i5/i3, Xeon®, Pentium® & Celeron®® processor, resistive touch screen, 2 PCI slot and 100~240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessories**

82211271000E	Wireless LAN kit
8211570100E	VESA & WALL mount kit
8211570060E	Rack mount kit
72211571000E	2 x 2.5" HDD Bracket
82211570070E	P1157E-871 DVD-RW kit
E202003330	VM-101 (VESA ARM clamp type)
E202003329	VM-105 (VESA ARM wall-mount)
8211570060E 72211571000E 82211570070E E202003330	Rack mount kit 2 x 2.5" HDD Bracket P1157E-871 DVD-RW kit VM-101 (VESA ARM clamp type)

# **Optional OS Installation**

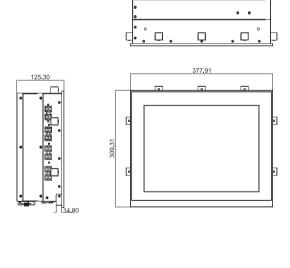
Windows® XP/XPe	
Windows® 7/8.1	
Windows® Embedded 7/8	



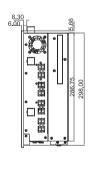


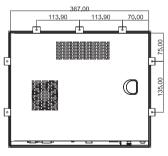
▲ Less screw design

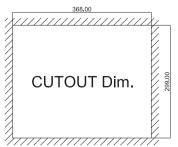
# **Dimensions**



367.00











Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers







Computers

Healthcare & Medical Solutions

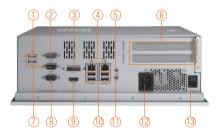
Open Frame Panel Computers

Accessories

# P1127E-871

12.1" XGA TFT Intel® Core™ i7/i5/i3, Celeron® & Pentium® Expandable Industrial Touch Panel Computer with 2 PCle or 2 PCI Slots





- 1. USB 2.0 x 2
- 2. COM 3 with 5V & 12V (RS-232)
- 3. DVI-I
- 4. Ethernet x 2
- 5. Audio (Line-out)
- 6. PCle x8 x 2 or PCl x 2
- 7. COM 1 with 5V & 12V (RS-232/422/485)
- 8. COM 2 (RS-232)
- 9. HDMI
- 10. USB 3.0 x 4
- 11. Audio (MIC-in)
- 12. AC plug
- 13. Switch for power on/off

# Features

- 12.1" XGA TFT LCD display
- LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processor
- Intel® C216 chipset
- Easy installation: Less screw design for user's convenience
- 4 USB 3.0, 2 USB 2.0 and 3 COM ports
- Flexible expansion interface (two PCle or two PCl slots)
- Built-in speakers and optional Wi-Fi 802.11 b/g/n module
- Robust aluminum with IP65 compliant front bezel design









### Introduction

The P1127E-871 is a multimedia 12.1" touch panel PC for kiosk application. It has a fashionable mechanism design and industrial-grade material front bezel which can avoid damage from chemical corrosion. To meet the demands of multimedia application, the P1127E-871 is powered by a high performance 3rd & 2nd generation Intel® Core™ i7/i5/i3, Celeron®, Pentium® & Xeon® processors with the Intel® C216 chipset. It features three COM ports, two Gigabit Ethernet and up to 16GB memory of dual-channel DDR3 that delivers high computing capability for high performance-demanding applications. The industrial panel PC is most suitable for kiosk, factory and automation.

### **Dual Monitor Display**

The P1127E-871 supports DVI or HDMI simultaneously that features the use of dual display devices for increasing the area available for programs running on a single computer system. It not only increases larger screen viewing but also improves the productivity.

### Expandable for 2 PCIe or 2 PCI

The P1127E-871 has 2 PCle x8 or 2 PCl slots for expansion purpose. User can easily plug in standard half-size PCl or PCle card for any requirement.

# Speaker and WLAN Antenna Supported

The P1127E-871 features built-in speakers for kiosk application to display multimedia content program. It also supports WLAN module antenna (optional) for wireless network connectivity.

# Friendly Less Screw Design

Removing the back cover to maintain the system in unscrewing 3 screws only that saving your time and increasing our work efficiency many times.

Front Bezel	Aluminum w/ IP65/	Aluminum w/ IP65/NEMA 4 rugged protection		
LCD Panel	Display Type	12.1" XGA TFT LCD		
	Brightness	500 nits		
	Resolution	1024 x 768 pixels		
	Viewing Angle	160°/140°		
Main System	CPU	LGA1155 socket 3rd & 2nd generation Intel® Core™ i7/i5/ i3, Celeron®, Pentium® & Xeon® processor		
	Chipset	Intel® C216		
	System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB		
	BIOS	AMI UEFI BIOS with OA 3.0 built		
	Storage	1 x 2.5" SATA HDD		
	Watchdog Timer	255 levels, 1~255 sec.		

-		
10 Connector	1 x RS-232 (COM 2) 1 x RS-232/422/485 with 5V & 12V (COM 1) 1 x RS-232 with 5V & 12V (COM 3) 1 x DVI-I 1 x HDMI 4 x USB 3.0 2 x USB 2.0	
	2 x 10/100/1000 Mbps Ethernet 1 x Audio (Mic-in/Line-out)	
Expansion Interface	2 x PCle x8 or 2 x PCl	
Touchscreen	5-wire resistive type Light transmission 79% 1 million activations (typical) at a single point	
Power Supply	100 ~ 240VAC, 270W	
Dimensions	311.5 mm (12.26") (W) x 111.85 mm (4.4") (D) x 250 mm (9.84") (H)	
Packing Dimension	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)	
Weight(net/gross)	5 kg (11.02 lb)/7.1 kg (15.65 lb)	
Environment	Operating Temperature: 0° ~ +45°C (+32°F ~ +113°F) Storage Temperature: -40°C ~ +80°C (-40°F ~ +176°F) Relative humidity: 10 ~ 90%@40°C, non-considering Operating vibration: 1.0G, 5-500Hz, random	
Certificate CE		

# **Ordering Information**

P1127E-871 w/ PCle	12.1" XGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/ i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen, 2 PCle x8 slot and 100–240VAC
P1127E-871 w/ PCI	12.1" XGA expandable industrial touch panel computer supports LGA1155 socket Intel® 3rd generation Core™ i7/ i5/i3, Xeon®, Pentium® & Celeron® processor, resistive touch screen. 2 PCI slot and 100–240VAC

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessories**

82211271000E	Wireless LAN kit	
82211270060E	VESA & WALL mount kit	
E202003330	VM-101 (VESA ARM clamp type)	
E202003329	VM-105 (VESA ARM wall-mount)	

# **Optional OS Installation**

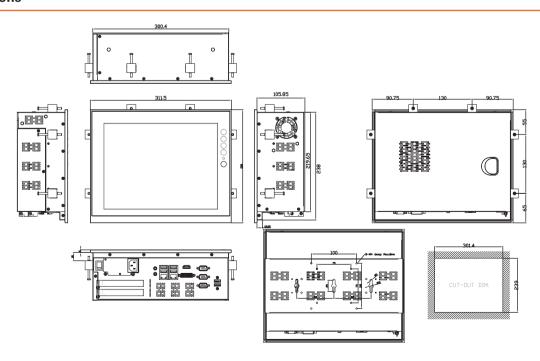
Windows® XP/XPe
Windows® 7/8.1
Windows® Embedded 7/8





ıle design ▲ Less screw design

### **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

3

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel

Computers

Healthcare & Medical

Solutions

Open Frame Panel



# Touch Panel Computers



# **Industrial Touch Panel Monitors**



Axiomtek P6000 series provides full range size from 10.4" to 21.5" touch panel monitor for each vertical market including automation, infotainment and railway industries. The P6000 series offers plug and play easy setup and maintenance, on-screen control and quick customization of the display per user's preference. It is an excellent choice for POS, POI, human machine interface, or media-display applications. The P6000 series integrated sunlight readable technology and wide operating temperature.

	Introduction		599
	Selection Guide		600
NEW	P6211W	21.5" Full HD TFT Widescreen Industrial LCD Monitor	605
NEW	P6191	19" SXGA TFT Industrial LCD Monitor	607
	P6192	19" SXGA TFT Industrial LCD Monitor	609
	P6187W	18.5" WXGA TFT Widescreen Industrial LCD Monitor	611
NEW	P6171	17" SXGA TFT Industrial LCD Monitor	613
	P6173	17" SXGA TFT Industrial LCD Monitor	615
	P6157W	15.6" WXGA TFT Widescreen Industrial LCD Monitor	617
NEW	P6151	15" XGA TFT Industrial LCD Monitor	619
	P6153	15" XGA TFT Industrial LCD Monitor	621
NEW	P6121	12.1" XGA TFT Industrial LCD Monitor	623
	P6122	12.1" SVGA TFT Industrial LCD Monitor	625
NEW	P6101	10.4" XGA TFT Industrial LCD Monitor	627
NEW	P6105	10.4" XGA TFT Railway Touch Display with EN50100 T1 class (-25°C $\sim$ +55°C )	629
	P6100	10.4" SVGA TFT Industrial LCD Monitor	631

# **Industrial Panel Computers & Monitors**

# **P6000 Series for Automation Application**

Axiomtek's P6000 industrial flat panel monitors come in 10.4", 12.1", 15", 15.6", 17", 18.5", 19" & 21.5" and support high brightness TFT LCD. This series has NEMA4/12 (IP65) compliant front panels, and light-duty aluminum panels & chassis. The P6000 series supports multi-signal interfaces including DVI-D,VGA,S-Video,Video or HDMI,DVI-D,DisplayPort and features screwtype adaptor plug design & 12/24V DC-In. With a compact mechanism design, it is suitable for P0I/POS, media-display, transportation and all kinds of heavy-duty industrial applications.

### **Major Features**







▲ Light design & various T/S: resistive, capacitive and IR touch



▲ Flexible mounting ways: desktop/rack/panel/wall/VESA



▲ Sunlight readable panel monitor

# **P6000 Series for Rolling Stock Application**

The P6105 is a 10.4 EN50155 touchscreen railway display designed specifically for transportation application. The rugged IP65 display P6105 offers a resistive touchscreen with 500 nits high brightness and has LED backlighting for power saving. It is equipped with a RS-232 touch control interface, and multiple video inputs of DVI-D, HDMI, which offers customers a variety of connection options. The 10.4-inch EN50155 railway touch monitor adopts extended temperature technology and supports a wide temperature range from -25°C ~ +55°C. Its friendly fanless cooling system design and super compact design aimed at rolling stock as well as harsh environments. The railway touchscreen display has an industrial-grade IP65/NEMA 4/12 compliant metal front bezel which resists water spillage and is specifically designed for railway sector. It could work perfectly for displaying information of train functions, fleet management, and many types of heavy transport equipment.

# **Major Features**



▲ Designed for railway application and compliance with EN50155/



▲ Supports wide temperature -25°C ~ +55°C to fulfill harsh environment



▲ Adjusting LCD brightness automatically depends on different environment



▲ Mounting way for railway: panel mounting

# **Industrial Touch Panel Monitors**

Selection Guide



Page 605



Page 607





Flat front bezel Aluminum front bezel Metal front bezel Flat front bezel **Display Type** (NEMA 4/12) (NEMA 4/12) & IP65 (NEMA 4/12) (NEMA 4/12) 21.5" TFT FHD 19" TFT SXGA 19" TFT SXGA 18.5" TFT WXGA 16.7M 16.7M 16.7M Max. Colors 16.7M Active Area (mm) 476.64 (H) x 268.11 (V) 376.32 (H) x 301.06 (V) 376.32 x 301.06 409.8 x 230.4 Max. Resolution 1920 x 1080 1280 x 1024 1280 x 1024 1366 x 768 VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) **Display Mode** SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz) XGA 1024 x 768 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz) WXGA 1366 x 768 (60Hz) SXGA 1280 x 1024 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz) WXGA 1366 x 768 (60Hz) FHD 1920 x 1080(60Hz)  $0.24(H) \times 0.24(V)$  $0.24(H) \times 0.24 (V)$ 0.294 x 0.294 Pixel Pitch (mm)  $0.3 \times 0.3$ **Backlight** LED LED LED LED Backlight MTBF (hrs) 50.000 50,000 50.000 50.000 Viewing Angle (H/V) 178°/178° 170°/160° 170°/160° 170°/160° **Response Time** 18ms 8ms 5ms 5ms **Contrast Ratio** 3000 50.000 1000 (TYP) 1000 (TYP) Brightness (cd/m2) 250 nits 350 nits 350 nits 300 nits OSD OSD OSD OSD **Display Control** 1 x VGA 1 x VGA 1 x VGA 1 x VGA 1 x DVI 1 x DVI 1 x DVI 1 x DVI I/O Connectors 1 x HDMI 1 x HDMI 1 x S-Video/Video (optional) 1 x S-Video/Video 1 x DC power input 1 x RS-232 or USB for touch 1 x RS-232 or USB for touch 1 x RS-232 or USB for touch 1 x USB for touch **Touchscreen** Capacitive Multi-touch Resistive type Resistive type Capacitive Multi-touch **Power Consumption** TRD TRD 25W 22W Screw-type external Screw-type external Screw-type external Screw-type external **Power Adapter** AC/DC power adapter AC/DC power adapter AC/DC power adapter AC/DC power adapter 460 x 57 x 285 mm **Dimensions** 482 x 59.5 x 399 mm TBD TBD (W x D x H) (18.97" x 2.34" x 15.7") (18.11" x 2.44" x 11.22") TBD TBD 9.46 kg (20.86 lb)/ 13.5 kg (29.76 lb) 6.0 kg (12.22 lb)/ 8.0 kg (17.75 lb) Weight (net/gross)

0° ~ +55°C (+32°F ~ +131°F)

Panel mount

Wall mount

Rack mount

VESA arm

CE

Overview Fanless Touch Panel Computers Heavy-duty Fanless Touch Panel Computers 4 Industrial Touch panel Monitors Infotainment & Medical Open Frame Panel

Accessories

0° ~ +55°C (+32°F ~ +131°F)

Panel mount

Wall mount

Rack mount

VESA arm

CE

**Operating Temperature** 

Mounting

Certificate

0° ~ +55°C (+32°F ~ +131°F)

Panel mount

Wall mount

VESA arm

CE

0° ~ +55°C (+32°F ~ +131°F)

Panel mount

Wall mount

Rack mount

VESA arm

CE

# **Industrial Touch Panel Monitors**

Selection Guide







Page	61	3	

Page 615

Page 617

	Page 613	Page 615	Page 617
Features Wodels	P6171	P6173	P6157W
Display Type	Aluminum front bezel (NEMA 4/12) & IP65 17" TFT SXGA	Metal front bezel (NEMA 4/12) 17" TFT SXGA	Flat front bezel (NEMA 4/12) 15.6" TFT WXGA
Max. Colors	16.7M	16.7M	16.7M
Active Area (mm)	337.92 x 270.33	337.92 x 270.33	344.23 x 193.54
Max. Resolution	1280 x 1024	1280 x 1024	1366 x 768
Display Mode	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz) SXGA 1280 x 1024 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz) WXGA 1366 x 768 (60Hz)
Pixel Pitch (mm)	0.264 x 0.264	0.264 x 0.264	0.252 x 0.252
Backlight	LED	LED	LED
Backlight MTBF (hrs)	30,000	30,000	50,000
Viewing Angle (H/V)	170°/160°	170°/160°	170°/160°
Response Time	5ms	5ms	8ms
Contrast Ratio	1000 (TYP)	1000 (TYP)	500 (TYP)
Brightness (cd/m2)	350 nits	350 nits	300 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x DVI-D 1 x Displayport 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video 1 x DC power input 1 x USB for touch
Touchscreen	Resistive type	Resistive type	Capacitive Multi-touch
Power Consumption	24W	23W	12V, 19W
Power Adapter	Screw-type external AC / DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	410.31 x 28 x 38.31mm (16.15" x 1.10" x 13.32")	482 x 60 x 360 mm (19" x 2.36" x 14.2")	396.8 x 57.6 x 247.1 mm (15.62" x 2.68" x 9.73")
Weight (net/gross)	3.8 kg (8.38 lb)/ 6.56 kg (14.46 lb)	5.5 kg (12.12 lb)/ 12.7 kg (28.0 lb)	4.48 kg (9.87 lb)/ 7.88 kg (17.36 lb)
Operating Temperature	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +55°C (+32°F ~ +131°F)	0° ~ +55°C (+32°F ~ +131°F)
Mounting	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount VESA arm
Certificate	CE	CE	CE













Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

4 Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

P
---

		****	
	Page 619	Page 621	Page 623
Features Wodels	P6151	P6153	P6121
Display Type	Aluminum front bezel (NEMA 4/12) & IP65 15" TFT XGA	Metal front bezel (NEMA 4/12) 15" TFT XGA	Aluminum front bezel (NEMA 4/12) & IP65 12.1" TFT XGA
Max. Colors	16.7M	16.2M	16.7M
Active Area (mm)	304.128 (H) x 228.096 (V)	307.4 x 231.3	245.76 (H) x184.32 (V)
Max. Resolution	1024 x 768	1024 x 768	1024x768
Display Mode	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)	VGA 640 x 350 (70Hz) VGA 720 x 400 (70Hz) VGA 640 x 480 (60/72/75Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/70/75Hz)	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)
Pixel Pitch (mm)	0.24(H) × 0.24 (V)	0.297 x 0.297	0.24(H) × 0.24 (V)
Backlight	LED	LED	LED
Backlight MTBF (hrs)	30,000	30,000	30,000
Viewing Angle (H/V)	160°/160°	160°/160°	160°/160°
ResponseTime	16ms	16ms	16ms
Contrast Ratio	800 (TYP)	800 (TYP)	800 (TYP)
Brightness (cd/m2)	420 nits	420 nits	350 nits
Display Control	OSD	OSD	OSD
I/O Connectors	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch
Touchscreen	Resistive type	Resistive type	Resistive type
Power Consumption	TBD	12V, 11W	TBD
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	TBD	400 x 55 x 320 mm (15.75" x 2.16" x 12.6")	TBD
Weight (net/gross)	TBD	4.8 kg (10.58 lb)/ 8.2 kg (18.08 lb)	TBD
Operating Temperature	0° ~ +55°C (+32°F ~ +131°F)	0° ~ +55°C (+32°F ~ +131°F)	0° ~ +55°C (+32°F ~ +131°F)
Mounting	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount Rack mount VESA arm
Certificate	CE	CE	CE

# **Industrial Touch Panel Monitors**

# Selection Guide







Page 625

Page 627

Page 625		Page 627	
Features Wodels	P6122	P6101	
Display Type	Metal front bezel (NEMA 4/12) 12.1" TFT SVGA	Aluminum front bezel (NEMA 4/12) & IP65 10.4" TFT XGA	
Max. Colors	16.2M/262K	16.7M	
Active Area (mm)	246 x 184.5	211.2 (H) x 158.4 (V)	
Max. Resolution	800 x 600	1024x768	
Display Mode	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)	
Pixel Pitch (mm)	0.3075 x 0.3075	0.24 × 0.24	
Backlight	LED	LED	
Backlight MTBF (hrs)	50,000	30,000	
Viewing Angle (H/V)	160°/140°	160°/160°	
Response Time	35ms	16ms	
Contrast Ratio	700 (TYP)	900 (TYP)	
Brightness (cd/m2)	450 nits	350nits	
Display Control	OSD	OSD	
I/O Connectors	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch	1 x VGA 1 x DVI 1 x HDMI 1 x DC power input 1 x RS-232 or USB for touch	
Touchscreen	Resistive type	Resistive type	
Power Consumption	12V, 11W	TBD	
Power Adapter	Screw-type external AC/DC power adapter	Screw-type external AC/DC power adapter	
Dimensions (W x D x H)	340 x 46.5 x 260 mm (13.5" x 1.8" x 10.2")	TBD	
Weight (net/gross)	3.0 kg (6.61 lb)/ 6.6 kg (14.55 lb)	TBD	
Operating Temperature	-10° ~ +55°C (+14°F ~ +131°F)	0° ~ +55°C (+32°F ~ +131°F)	
Mounting	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount Rack mount VESA arm	
Certificate	CE	CE	









	Page 629	Page 631
Features Wodels	P6105	P6100
Display Type	Aluminum front bezel (NEMA 4/12) & IP65 10.4" TFT XGA	Metal front bezel (NEMA 4/12) 10.4" TFT SVGA
Max. Colors	16.2M/262K	16.2M/262K
Active Area (mm)	210.4 x 157.8	211.2 x 158.4
Max. Resolution	1024 x768	800 x 600
Display Mode	VGA 640 x 350 (70Hz) VGA 640 x 480 (60/72/75Hz) VGA 720 x 400 (70Hz) SVGA 800 x 600 (60/72/75Hz) XGA 1024 x 768 (60/72/75Hz)	VGA 640 x 480 (60/72Hz) SVGA 800 x 600 (60/72Hz)
Pixel Pitch (mm)	0.0685 x 0.2055	0.264 x 0.264
Backlight	LED	LED
Backlight MTBF (hrs)	50,000	30,000
Viewing Angle (H/V)	176°/176°	160°/130°
ResponseTime	25ms	35ms
Contrast Ratio	1000 (TYP)	500 (TYP)
Brightness (cd/m2)	500 nits	230 nits
Display Control	OSD, RS-232 and IR remote	OSD
I/O Connectors	1 x RS-232 for touchscreen version 1 x HDMI 1 x DVI-D 1 x DC power input 1 x RS-232 for remote control	1 x VGA 1 x DVI 1 x S-Video/Video (optional) 1 x DC power input 1 x RS-232 or USB for touch
Touchscreen	Resistive type	Resistive type
Power Consumption	24V, 16W	12V, 9W
Power Adapter	Screw-type external	Screw-type external AC/DC power adapter
Dimensions (W x D x H)	372 x 175 x 412 mm (14.65" x 6.89" x 16.2")	294.2 x 46.6 x 231.2 mm (11.58" x 1.83" x 9.1")
Weight (net/gross)	2.2 kg (4.85 lb) / 3.45 kg (7.61 lb)	2.6 kg (5.73 lb)/ 5.1 kg (11.24 lb)
Operating Temperature	-25°C ~ +55°C (-13°F ~ +131°F)	-10° ~ +60°C (+14°F ~ +140°F)
Mounting	Panel mount Wall mount Rack mount VESA arm	Panel mount Wall mount Rack mount VESA arm
Certificate	CE, EN50155/EN45545 Compliance	CE





Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



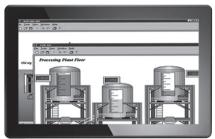
Healthcare & Medical Solutions



# P6211W

21.5" FHDTFT Widescreen Industrial LCD Monitor





# **Features**

- 21.5" TFT 250 nits FHD LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount and VESA mount
- Multi-touch 21.5" projective capacitive touch
- Supports full range screw-type (locked) AC-in or 24V DC-in (option)
- Supports multi-signal inputs: VGA, HDMI and DVI



### Introduction

The P6211W is an slim with flat front bezel design industrial LCD monitor, which adopts 21.5-inch 250 nits Full HD LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6211W supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for P0I/P0S, excellent HMI and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, plat front bezel			
Mounting	Supports panel mount, wall mount and VESA mount			
	FPMPMI mounting (vi	FPMPMI mounting (video electronics standards association		
	Flat Panel monitor ph	ysical mounting interface)		
LCD Panel	Display	21.5" TFT FHD LCD		
	Max. Resolution	1920 x 1080		
	Max. Colors	16.7M		
	Active Area (mm)	476.64 x 268.11		
	Pixel Pitch (mm)	0.24 × 0.24		
	Response Time	18ms		
	Backlight	LED		
	Backlight MTBF	50,000 hrs		
	Viewing Angle (H/V)	178°/178°		
	Contrast Ratio	3000 (TYP.)		
	Brightness (cd/m²) 250 nits			
Display Control	OSD (on screen display)			
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz),			
	VGA 720 x 400 (70Hz), SXGA 800 x 600 (60/72/75Hz),			
	XGA 1024 x 768 (60/7	2/75Hz), WXGA 1366 x 768 (60Hz),		
	FHD 1920 x 1080 (60H			



Input Signal	VGA
	HDMI
	DVI (Oly for DVI-D)
	Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version
	1 x VGA input
	1 x HDMI
	1 x DVI
	1 x Screw-type DC power input
Power Adapter	Screw-type external AC/ DC power adapter
Touchscreen	Multi touch 21.5" projective capacitive
Dimensions	TBD
Packing Dimensions	TBD
Weight (net/gross)	TBD
Environment	Operating temperature: 0° ~ +55°C (+32°F ~ +131°F)
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)
	Relative humidity: 20%~90%@40°C, non-condensing
Certificate	CE

# **Ordering Information**

P6211W			
AC Power	Panel Mount Monitor		
	Capacitive (USB)	P6211WPC-AC-U-US-EU	
	Glass	P6211WPG-AC-US-EU	
24VDC Power	Panel Mount Monito	r	
	Capacitive (USB)	P6211WPC-24VDC-U	
	Glass	P6211WPG-24VDC	

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Healthcare & Medical Solutions

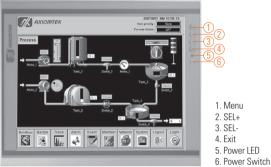


Open Frame Panel Computers

# P6191

# 19" SXGATFT Industrial LCD Monitor





- **Features**
- 19" TFT SXGA LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- Supports multi-signal inputs: DVI-D, VGA and HDMI



▲ Ultra-slim mechanism design

# Introduction

The P6191 is an ultra slim industrial LCD monitor, which adopts 19-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6191 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel			
Mounting	Panel mount, wall mount, rack mount or VESA			
	FPMPMI mounting (vi	FPMPMI mounting (video electronics standards association		
	flat panel monitor phy	ysical mounting interface)		
LCD Panel	Display	19" TFT SXGA LED		
	Max. Resolution	1280 x 1024		
	Max. Colors	16.7M		
	Active Area (mm)	376.32 x 301.06		
	Pixel Pitch (mm)	0.24 x 0.24		
	Response Time	8ms		
	Backlight	LED backlight		
	Backlight MTBF	50,000 hrs		
	Viewing Angle (H/V)	170°/160°		
	Contrast Ratio	1000 (TYP.)		
	Brightness (cd/m²)	350 nits		
Display Control	OSD (on screen display)			
Display Mode	VGA 640 x 350 (70Hz)	), VGA 640 x 480 (60/72/75Hz),		
	VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz),			
	, ,	XGA 1024 x 768 (60/72/75Hz),		
	SXGA 1280 x 1024 (6	0/72/75Hz)		



Input Signal	DVI-D			
	VGA			
	HDMI			
	Touchscreen: Serial F	RS-232 or USB interface		
I/O Connectors	1 x RS-232 or USB fo	r touchscreen version		
	1 x DVI-D			
	1 x VGA			
	1 x HDMI			
	1 x Screw-type DC po	1 x Screw-type DC power input		
Power Adapter	Screw-type external AC / DC power adapter			
Touchscreen	Thickness	Resistive: 3.2 mm		
	Light Transmission	Resistive: 80%		
	Power Consumption	Resistive: +5V @ 100mA		
	Touch Life	Resistive: 35million touches		
		Controller interface: RS-232 D-type		
		9pin male connector or USB		
Dimensions	TBD			
Packing Dimensions	TBD			
Weight (net/gross)	TBD			
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)			
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)			
	Relative humidity: 20%~90%@40°C, non-condensing			
Certificate	CE			

# **Ordering Information**

AC Power	Resistive (RS-232)	P6191PR-AC-RS-US-EU	
	Resistive (USB)	P6191PR-AC-U-US-EU	
	Glass	P6191PG-AC-US-EU	
12V/24VDC Power	Resistive (RS-232)	P6191PR-DC-RS	
	Resistive (USB)	P6191PR-DC-U	
	Glass	P6191PG-DC	

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers

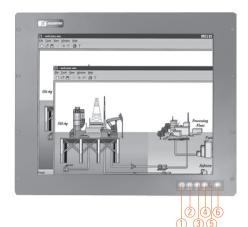


Healthcare & Medical Solutions



# P6192

# 19" SXGATFT Industrial LCD Monitor





- 7. DC power input 8. DVI (Only for DVI-D)
- 10. Video 11. S-video
- 9. VGA
- 12. T/S port

# **Features**

- 19" TFT 350 nits SXGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 24V DC-in
- Supports multi-signal inputs: VGA, S-video, Video and DVI-D
- Supports panel mount, wall mount, rack mount and VESA arm
- 1. Exit
- 2. Menu
- 3. SEL-
- 4. SEL+ 5. Power LED
- 6. Power switch



▲ Side view

# Introduction

The P6192 is an slim industrial LCD monitor, which adopts 19-inch 350 nits high brightness SXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6192 supports panel mount, wall mount, rack mount or VESA FPMPMI mounting (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface). With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, media-display applications and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel			
Mounting	Panel mount, wall mount, rack mount and VESA arm			
	0 1	FPMPMI mounting (video electronics standards association		
	Flat Panel monitor ph	ysical mounting interface)		
LCD Panel	Display Type	19" TFT SXGA LCD		
	Max. Resolution	1280 x 1024		
	Max. Colors	16.7M		
	Active Area (mm)	376.32 x 301.06		
	Pixel Pitch (mm)	0.294 x 0.294		
	Response Time	5 ms		
	Backlight	LED		
	Backlight MTBF	50,000 hrs		
	Viewing Angle (H/V)	170°/160°		
	Contrast Ratio	1000 (TYP.)		
	Brightness (cd/m²)	350 nits		
Display Control	OSD (on screen display)			
Display Mode	VGA 640 x 350 (70Hz)	, VGA 640 x 480 (60/72/75Hz),		
	VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz),			
	XGA 1024 x 768 (60/7			
	SXGA 1280 x 1024 (6	0/72/75Hz)		

opoomoation.	J		
Input Signal	VGA Video: R.G.B An DVI (Only for DVI-D) Touchscreen: Serial F Video (optional) S-video (optional)	alog 0.7v Peak-to-Peak IS-232 or USB	
I/O Connectors	1 x VGA input 1 x RCA for video (op 1 x S-Video for video 1 x DVI (Only for DVI-	(optional)	
Power Adapter	Screw-type external	AC/DC power adapter	
Touchscreen	Thickness	Resistive: 3.2 mm	
	Light Transmission	Resistive: 80%	
	Power Consumption	Resistive: +5V@ 100mA	
	Touch Life	Resistive: 35million touches	
		Controller interface: RS-232	
		D-Type 9-pin male connector	
		or USB connector	
Dimensions	482 mm (18.97") (W) x 59.5 mm (2.34 ) (D) x 399 mm (15.7") (H)		
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)		
Weight (net/gross)	9.46 kg (20.86 lb)/13.	5 kg (29.76 lb)	
Environment	Operating temperature: 0° ~ +55°C (+32°F ~ +131°F) Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 20%~90%@40°C, non-condensing		
Certificate	CE		

# **Ordering Information**

AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6192PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6192PR-AC-U-V3-RC-US-EU
	Glass	P6192PG-AC-V3-RC-US-EU
24VDC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6192PR-24VDC-RS-V3-RC
	Resistive (USB)	P6192PR-24VDC-U-V3-RC
	Glass	P6192PG-24V-DC-V3-RC

P6192L	/1	VCA		DVI		
PDIJZL	(Indut:	VUA	ano	DVI	OHIV	

1 0132E (Iliput. Vun	and DVI only,	
AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6192LPR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6192LPR-AC-U-V3-RC-US-EU
	Glass P6192LPG-AC-V3-RC-US-EU	
24VDC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6192LPR-24V-DC-RS-V3-RC
	Resistive (USB)	P6192LPR-24V-DC-U-V3-RC
	Glass	P6192LPG-24V-DC-V3-RC
* 0 '		,

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessories**

ARM-VM-101	VESA ARM (clamp type)	
ARM-VM-105	VESA ARM (wall mount type)	
Wall mounting & des	ctop stand	







▲ Various mounting ways Panel/ Wall/ VESA

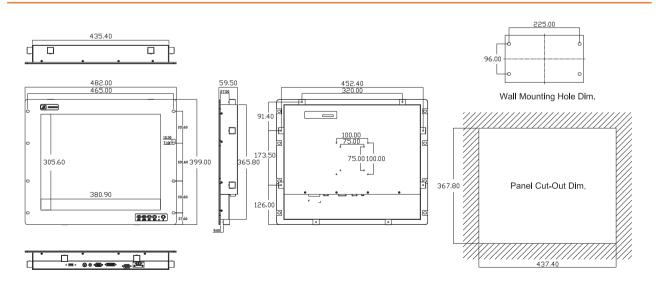


▲ Screw-type power input



▲ Phoenix-type power input

# **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch

panel Monitors

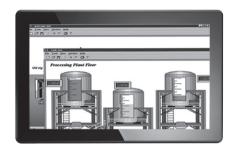
Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

# P6187W

18.5" WXGATFT Widescreen Industrial LCD Monitor



# **Features**

- 18.5" TFT 300 nits WXGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount and VESA mount
- Multi-touch 18.5" projective capacitive
- Supports full range screw-type (locked) AC-in or 24V DC-in (option)
- Supports multi-signal inputs: VGA, S-video, Video and DVI



1. Exit 2. Menu 3. SEL-

9. DV 10.VG

4. SEL+ 5. Power LED 6. Power switch 7. DC power input 8. T/S port

9. DVI (Only for DVI-D) 10.VGA

11. Video (CVBS) 12. S-video





▲ Modularized design

# Introduction

The P6187W is an slim with flat front bezel design industrial LCD monitor, which adopts 18.5-inch 300 nits WXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6187W supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for P0I/P0S, excellent HMI and all kinds of heavy-duty industrial fields.

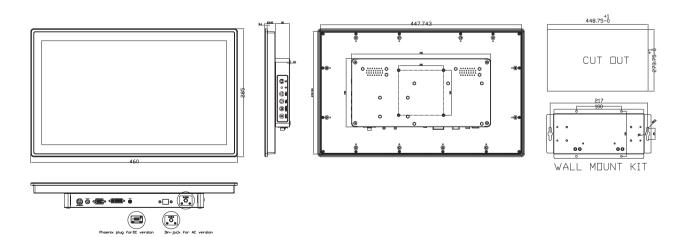
Front Bezel	NEMA 4/12 (IP65)-compliant, plat front bezel		
Mounting	Supports panel mount, wall mount and VESA mount FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)		
LCD Panel	Display	18.5" TFT WXGA LCD	
	Max. Resolution	1366 x 768	
	Max. Colors	16.7M	
	Active Area (mm)	409.8 x 230.4	
	Pixel Pitch (mm)	0.3 x 0.3	
	Response Time	5ms	
	Backlight	LED	
	Backlight MTBF	50,000 hrs	
	Viewing Angle (H/V)	170°/160°	
	Contrast Ratio	1000 (TYP.)	
	Brightness (cd/m²)	300 nits	
Display Control	OSD (on screen display)		
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SXGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), WXGA 1366 x 768 (60Hz)		

•	
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak Video S-video DVI (Oly for DVI-D) Touchscreen: USB interface
I/O Connectors	1 x USB for touchscreen version 1 x VGA input 1 x RCA for video 1 x S-video for video 1 x DVI 1 x Screw-type DC power input
Power Adapter	Screw-type external AC/ DC power adapter
Touchscreen	Multi-touch 18.5" projective capacitive
Dimensions	460 mm (18.11") (W) x 57 mm (2.44") (D) x 285 mm (11.22") (H)
Packing Dimensions	595 mm (24.43") (W) x 190 mm (7.48") (D) x 490 mm (19.29") (H)
Weight (net/gross)	6.0 kg (12.22 lb)/ 8.0 kg (17.75 lb)
Environment	Operating temperature: 0° ~ +55°C (+32°F ~ +131°F) Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 20%~90%@40°C, non-condensing
Certificate	CE

# **Ordering Information**

P6187W		
AC Power	Panel Mount Monito	ſ
	Capacitive (USB)	P6187WPC-AC-U-US-EU
	Glass	P6187WPG-AC-US-EU
24VDC Power	Panel Mount Monito	ſ
	Capacitive (USB)	P6187WPC-24VDC-U
	Glass	P6187WPG-24VDC

# **Dimensions**



P6187W		
AC Power	Panel Mount Monitor	•
	Capacitive (USB)	P6187WPC-AC-U-US-EU
	Glass	P6187WPG-AC-US-EU
4VDC Power	Panel Mount Monitor	•
	Capacitive (USB)	P6187WPC-24VDC-U
	Glass	P6187WPG-24VDC

Industrial Touch Panel Computers

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers





Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

Accessories

# P6171

# 17" SXGA TFT Industrial LCD Monitor





1. Menu 2. SEL+ 3. SEL-4. Exit 5. Power LED

6. Power Switch

- 7 8 9 10 11
  - 7. RS-232 or USB for Touch
  - 8. DVI-D
  - 9. HDMI
- 10. DisplayPort
- 11. Screw type or
  - Phoenix type power input

# **Features**

- 17" TFT SXGA LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- Supports multi-signal inputs: DVI-D, DisplayPort and HDMI





▲ Ultra-slim mechanism design

### Introduction

The P6171 is an ultra slim industrial LCD monitor, which adopts 17-inch 350 nits SXGA LED backlight LCD display and supports multi-signal interfaces including DVI, DisplayPort and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6171 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

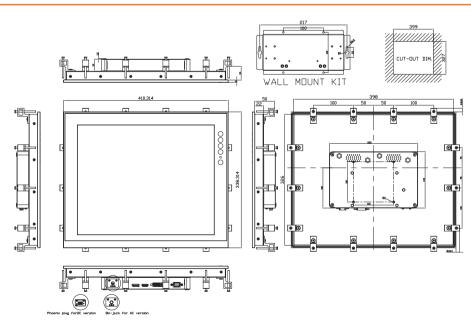
Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel			
Mounting	FPMPMI mounting (vi	Panel mount, wall mount, rack mount or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)		
LCD Panel	Display	17" TFT SXGA LED		
	Max. Resolution	1280 x 1024		
	Max. Colors	16.7M		
	Active Area (mm)	337.92 x 270.33		
	Pixel Pitch (mm)	0.264 x 0.264		
	Response Time 5ms			
	Backlight	LED backlight		
	Backlight MTBF	30,000 hrs		
	Viewing Angle (H/V)	170°/160°		
	Contrast Ratio	1000 (TYP.)		
	Brightness (cd/m²)	350 nits		
Display Control	OSD (on screen displa	OSD (on screen display)		
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75H XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)			

Input Signal	DVI-D				
	DisplayPort	DisplayPort			
	HDMI				
	Touchscreen: Serial F	RS-232 or USB interface			
I/O Connectors	1 x RS-232 or USB fo	1 x RS-232 or USB for touchscreen version			
	1 x DVI-D	1 x DVI-D			
	1 x DisplayPort	1 x DisplayPort			
	1 x HDMI				
	1 x Screw-type DC po	1 x Screw-type DC power input			
Power Adapter	Screw-type external	Screw-type external AC / DC power adapter			
Touchscreen	Thickness	Resistive: 3.2 mm			
	Light Transmission	Resistive: 80%			
	Power Consumption	Resistive: +5V @ 100mA			
	Touch Life	Resistive: 35million touches			
		Controller interface: RS-232 D-type			
		9pin male connector or USB			
Dimensions		L) x 28 mm (1.10") (H)			
	x 38.31 mm (13.32") (	W)			
Packing Dimensions	510 mm (20.08") (L) x	532 mm (20.94") (H)			
	x 186 mm (7.32") (W)				
Weight (net/gross)	3.8 kg (8.38 lb)/ 6.56 kg (14.46 lb)				
Environment	Operating temperatu	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)			
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)				
	Relative humidity: 20	1%~90%@40°C, non-condensing			
Certificate	CE				

# **Ordering Information**

AC Power	Resistive (RS-232)	P6171DPR-AC-RS-US-EU
	Resistive (USB)	P6171DPR-AC-U-US-EU
	Glass	P6171DPG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6171DPR-DC-RS
	Resistive (USB)	P6171DPR-DC-U
	Glass	P6171DPG-DC

# **Dimensions**





Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Healthcare & Medical Solutions



ĺ

# P6173

# 17" SXGATFT Industrial LCD Monitor





- 7. DC power input
- 8. DVI (Only for DVI-D)
- 9. VGA
- 10. Video (CVBS)
- 11. S-video
- 12. T/S port

# **Features**

- 17" TFT 350 nits SXGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 24V DC-in (option)
- Supports multi-signal inputs: VGA, S-video, Video and DVI



- 3. SEL-4. SEL+
- 5. Power LED
- 6. Power switch



# Introduction

The P6173 is an slim industrial LCD monitor, which adopts 17-inch 350 nits high brightness SXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6173 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for P0I/P0S, excellent HMI and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel		
Mounting	Supports panel mount, wall mount, rack mount or VESA are FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)		
LCD Panel	Display	Type 17" TFT SXGA LCD	
	Max. Resolution	1280 x 1024	
	Max. Colors	16.7M	
	Active Area (mm)	337.92 x 270.33	
	Pixel Pitch (mm) 0.264 x 0.264		
	Response Time	5 ms	
	Backlight	LED	
	Backlight MTBF	30,000 hrs	
	Viewing Angle (H/V)	170°/160°	
	Contrast Ratio	1000 (TYP.)	
	Brightness (cd/m²)	350 nits	
Display Control	OSD (on screen display)		
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz), SXGA 1280 x 1024 (60/72/75Hz)		

-	1/04 1/21 BOBA	1 07 D 1 : D 1		
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak			
	DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB			
	Video (optional)	13-232 UI USB		
	S-Video (optional)			
I/O Connectors	1 x RS-232 or USB fo	r touchscreen version		
	1 x VGA input			
	1 x RCA for video (op	tional)		
	1 x S-Video for video	(optional)		
	1 x DVI			
	1 x Screw-type DC power input			
Power Adapter	Screw-type external AC / DC power adapter			
Touchscreen	Thickness	Resistive: 3.2 mm		
	Light Transmission	Resistive: 80%		
	Power Consumption	Resistive: +5V @ 100mA		
	Touch Life	Resistive: 35million touches		
		Controller interface: RS-232 D-type		
		9-pin male connector or USB		
Dimensions	482 mm (19") (W) x 6	0 mm (2.36") (D)		
	x 360 mm (14.2") (H)			
Packing Dimensions		x 260 mm (10.24") (D) x 590 mm		
	(23.23") (H)			
Weight (net/gross)	5.5 kg (12.12 lb)/12.7 kg (28 lb)			
Environment	Operating temperature: 0° ~ +55°C (+32°F ~ +131°F)			
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)			
	Relative humidity: 20%~90%@40°C, non-condensing			
Certificate	CE			

# **Ordering Information**

P6173		
AC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6173PR-AC-RS-V3-RC-US-EU
	Resistive (USB) P6173PR-AC-U-V3-RC-U	
	Glass P6173PG-AC-V3-RC-US-EU	
24VDC Power	Panel Mount Monitor	
	Resistive (RS-232)	P6173PR-24VDC-RS-V3-RC
	Resistive (USB)	P6173PR-24VDC-U-V3-RC
	Glass	P6173PG-24VDC-V3-RC

DC4701		VO A		D1//	IA	
P6173L (	(Input:	VGA	ana	υvi	only)	

FUITSE (IIIPUL VGF	ut. vdA and Dvi only/			
AC Power	Panel Mount Monitor	Panel Mount Monitor		
	Resistive (RS-232)	P6173LPR-AC-RS-V3-RC-US-EU		
	Resistive (USB)	P6173LPR-AC-U-V3-RC-US-EU		
	Glass	P6173LPG-AC-V3-RC-US-EU		
24VDC Power	Panel Mount Monitor			
	Resistive (RS-232)	P6173LPR-24V-DC-RS-V3-RC		
	Resistive (USB)	P6173LPR-24V-DC-RS-V3-RC		
	Glass	P6173LPG-24V-DC-V3-RC		

<sup>\*</sup> Specification and certifications are based on options and may vary.

# **Optional Accessories**

ARM-VM-101	VESA ARM (clamp type)	
ARM-VM-105	VESA ARM (wall mount type)	
Wall mounting & des	kton stand	







 $\blacktriangle$  Various mounting ways: panel/ wall/ VESA

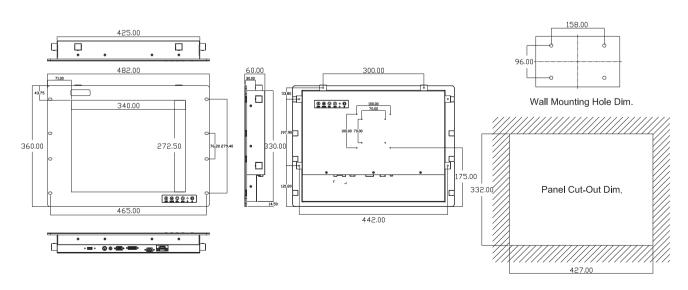


▲ Screw-type power input



 $\blacktriangle$  Phoenix-type power input

# **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch

panel Monitors

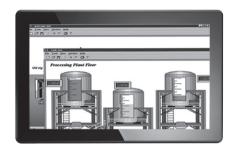
Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

# P6157W

15.6" WXGATFT Widescreen Industrial LCD Monitor



# **Features**

- 15.6" TFT 300 nits WXGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel
- Supports panel mount, wall mount, VESA mount
- Multi touch 15.6" projective capacitive
- Supports full range screw-type (locked) AC-in or 24V DC-in
- Supports multi-signal inputs: VGA, S-video, Video and DVI-D



1. Exit 2. Menu 3. SEL-

7. DC power input 8. T/S port 9. DVI (Only for DVI-D) 10. VGA

4. SEL+ 5. Power LED

11. Video (CVBS) 6. Power switch 12. S-video



### Introduction

The P6157W is an slim & compact with flat front bezel design industrial LCD monitor, which adopts 15.6-inch 300 nits WXGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video, Featuring NEMA4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6157W supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

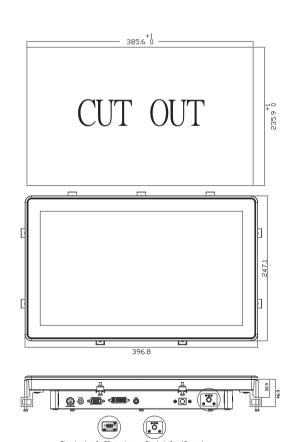
Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel		
Mounting	Panel mounting, wall mounting, VESA FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)		
LCD Panel	Display	15.6" TFT WXGA LCD	
	Max. Resolution	1366 x 768	
	Max. Colors	16.7M	
	Active Area (mm)	344.232 x 193.536	
	Pixel Pitch (mm)	0.252 x 0.252	
	Response Time	8ms	
	Backlight	LED	
	Backlight MTBF	50,000 hrs	
	Viewing Angle (H/V)	170°/160°	
	Contrast Ratio	500 (TYP.)	
	Brightness (cd/m²)	300 nits	
Display Control	OSD (on screen display)		
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SXGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz) WXGA 1366 x 768 (60Hz)		

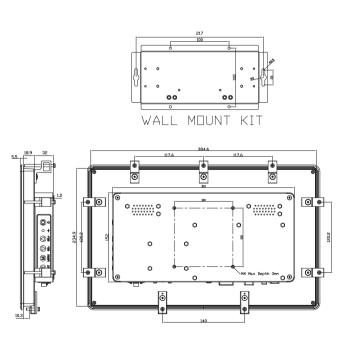
•			
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak Video S-video DVI (Only for DVI-D) Touchscreen: USB interface		
I/O Connectors	1 x USB for touchscreen version 1 x VGA input 1 x RCA for video 1 x S-video for video 1 x DVI 1 x Screw-type DC power input		
Power Adapter	Screw-type external AC / DC power adapter		
Touchscreen	Thickness	2.4 mm	
	Multi-touch	15.6" projective capacitive	
Dimensions	396.8 mm (15.62") (W) x 57.7 mm (2.68") (D) x 247.1 mm (9.73") (H)		
Packing Dimensions	525 mm (20.67") (W) x 186 mm (7.32") (D) x 470 mm (18.51") (H)		
Weight (net/gross)	4.48 kg (9.87 lb)/ 7.88 kg (17.36 lb)		
Environment	Operating temperature: 0° ~ +55°C (+32°F ~ +131°F) Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F) Relative humidity: 20%~90%@40°C, non-condensing		
Certificate	CE		

# **Ordering Information**

P6157W		
AC Power	Panel Mount Monitor	
	Capacitive (USB)	P6157WPC-AC-U-US-EU
	Glass	P6157WPG-AC-US-EU
24VDC Power	Panel Mount Monitor	
	Capacitive (USB)	P6157WPC-24VDC-U
	Glass	P6157WPG-24VDC

# **Dimensions**





4 Industrial Touch panel Monitors Infotainment Touch Panel Computers Healthcare & Medical Solutions Open Frame Panel Computers Accessories

Overview

Fanless Touch Panel Computers

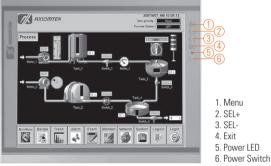
Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

# P6151

# 15" XGATFT Industrial LCD Monitor





- **Features**
- 15" TFT XGA LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- Supports multi-signal inputs: DVI-D, VGA and HDMI



▲ Ultra-slim mechanism design

# Introduction

The P6151 is an ultra slim industrial LCD monitor, which adopts 15-inch 420 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6151 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for P0I/P0S, excellent HMI and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	15" TFT XGA LED
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	304.128 x 228.096
	Pixel Pitch (mm)	0.297 x 0.297
	Response Time	16ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/160°
	Contrast Ratio	800 (TYP.)
	Brightness (cd/m²)	420 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350 (70Hz), VGA 640 x 480 (60/72/75Hz), VGA 720 x 400 (70Hz), SVGA 800 x 600 (60/72/75Hz), XGA 1024 x 768 (60/72/75Hz)	



Input Signal	DVI-D		
	VGA		
	HDMI		
	Touchscreen: Serial F	RS-232 or USB interface	
I/O Connectors	1 x RS-232 or USB for touchscreen version		
	1 x DVI-D		
	1 x DisplayPort		
	1 x HDMI		
	1 x Screw-type DC power input		
Power Adapter	Screw-type external AC / DC power adapter		
Touchscreen	Thickness	Resistive: 3.2 mm	
	Light Transmission	Resistive: 80%	
	Power Consumption	Resistive: +5V @ 100mA	
	Touch Life	Resistive: 35million touches	
		Controller interface: RS-232 D-type	
		9pin male connector or USB	
Dimensions	TBD		
Packing Dimensions	TBD		
Weight (net/gross)	TBD		
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)		
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)		
	Relative humidity: 20%~90%@40°C, non-condensing		
Certificate	CE		

# **Ordering Information**

AC Power	Resistive (RS-232)	P6151PR-AC-RS-US-EU	
	Resistive (USB)	P6151PR-AC-U-US-EU	
	Glass	P6151PG-AC-US-EU	
12V/24VDC Power	Resistive (RS-232)	P6151PR-DC-RS	
	Resistive (USB)	P6151PR-DC-U	
	Glass	P6151PG-DC	

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



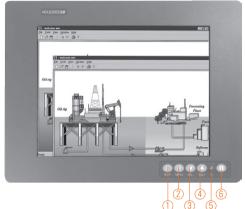
Healthcare & Medical Solutions



Open Frame Panel Computers

# P6153

# 15" XGATFT Industrial LCD Monitor



1. Exit 2. Menu 3. SEL-4. SEL+ 5. Power LED 6. Power switch

- 11 12 7 8 (9)
- 7. T/S port 8. DC power input
- 10. VGA

- 9. DVI (Only for DVI-D)
- 11. Video (CVBS)
- 12. S-video

# **Features**

- 15" TFT 420 nits high brightness XGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 24V DC-in
- Supports multi-signal inputs: VGA, S-video, Video and DVI
- Supports panel mount, wall mount, rack mount and VESA arm



▲ Side view

# Introduction

The P6153 is an slim & compact industrial LCD monitor equipped 15-inch 420 nits brightness XGA LCD display and supports multi-signal interfaces including DVI, VGA, S-Video, Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6153 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. The P6153 is especially suitable for POI/POS, excellent HMI, media-display applications and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mounting, wall mounting rackmount or VESA FPMPMI mounting (video electronics standards association Flat Panel monitor physical mounting interface)	
LCD Panel	Display Type	15" TFT XGA LCD
	Max. Resolution	1024 x 768
	Max. Colors	16.2M
	Active Area (mm)	304.128 x 228.096
	Pixel Pitch (mm)	0.297 x 0.297
	Response Time	16 ms
	Backlight	LED
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/160°
	Contrast Ratio	800 (TYP.)
	Brightness (cd/m²)	420 nits
Display Control	OSD (on screen display)	
Display Mode	VGA 640 x 350/ VGA 640 x 480/ VGA 720 x 400/ SVGA 800 x 600/ XGA 1024 x 768	

•	
Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB Interface Video (optional) S-Video (optional)
I/O Connectors	1 x RS-232 for touchscreen version 1 x VGA input 1 x DVI-D 1 x Screw-type DC power input 1 x RCA for video (optional) 1 x S-Video for video (optional)
Power Adapter	Screw-type external AC / DC power adapter
Touchscreen	Thickness Resistive: 3.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 D-type 9-pin male connector or USB connector
Dimensions	400 mm (15.75") (W) x 55 mm (2.16") (D) x 320 mm (12.6") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	4.8 kg (10.58 lb)/8.2 kg (18.08 lb)
Environment	Operating temperature: $-20^{\circ} \sim +60^{\circ}\text{C}$ ( $-4^{\circ}\text{F} \sim +40^{\circ}\text{F}$ ) Storage temperature: $-20^{\circ}\text{C} \sim +70^{\circ}\text{C}$ ( $-4^{\circ}\text{F} \sim +158^{\circ}\text{F}$ ) Relative humidity: $20\%-90\%@40^{\circ}\text{C}$ , non-condensing
Certificate	CE







 $\blacktriangle$  Screw-type power input

#### **Ordering Information**

P6153			
AC Power	Panel Mount Monitor		
	Resistive (RS-232)	P6153PR-AC-RS-V3-RC-US-EU	
	Resistive (USB)	P6153PR-AC-U-V3-RC-US-EU	
	Glass	P6153PG-AC-V3-RC-US-EU	
24VDC Power	Panel Mount Monitor		
	Resistive (RS-232)	P6153PR-24V-DC-RS-V3-RC	
	Resistive (USB)	P6153PR-24VDC-U-V3-RC	
	Glass	P6153PG-24VDC-V3-RC	

#### P6153L (Input: VGA and DVI only)

Panel Mount Monitor		
Resistive (RS-232)	P6153LPR-AC-RS-V3-RC-US-EU	
Resistive (USB)	P6153LPR-AC-U-V3-RC-US-EU	
Glass	P6153LPG-AC-V3-RC-US-EU	
Panel Mount Monitor		
Resistive (RS-232)	P6153LPR-24V-DC-RS-V3-RC	
Resistive (USB)	P6153LPR-24V-DC-U-V3-RC	
Glass	P6153LPG-24V-DC-V3-RC	
	Resistive (RS-232) Resistive (USB) Glass Panel Mount Monitor Resistive (RS-232) Resistive (USB)	

<sup>\*</sup> Specification and certifications are based on options and may vary.

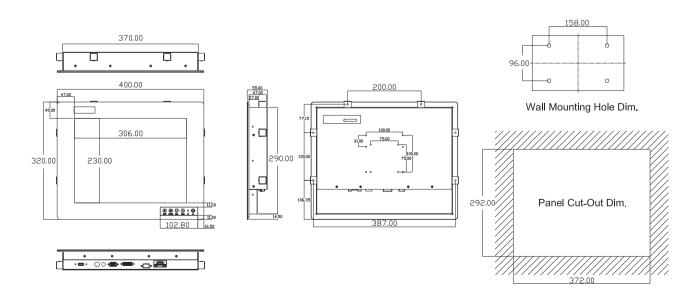
#### **Optional Accessories**

ARM-VM-101	VESA ARM (clamp type)
ARM-VM-105	VESA ARM (wall mount type)
Wall mounting & des	ktop stand
Rack-mount kit	



▲ Phoenix-type power input

#### **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

> > 4

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

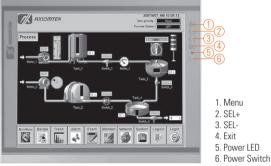
Healthcare & Medical Solutions

Open Frame Panel

## P6121

#### 12" XGATFT Industrial LCD Monitor





- **Features**
- 12" TFT XGA LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- Supports multi-signal inputs: DVI-D, VGA and HDMI



▲ Ultra-slim mechanism design

#### Introduction

The P6121 is an ultra slim industrial LCD monitor, which adopts 12-inch 400 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6121 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for P0I/P0S, excellent HMI and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel		
Mounting	Panel mount, wall mount, rack mount or VESA		
	FPMPMI mounting (video electronics standards association		
	flat panel monitor phy	flat panel monitor physical mounting interface)	
LCD Panel	Display	12" TFT XGA LED	
	Max. Resolution	1024 x 768	
	Max. Colors	16.7M	
	Active Area (mm)	245.76 x 184.32	
	Pixel Pitch (mm)	0.24 x 0.24	
	Response Time	16ms	
	Backlight	LED backlight	
	Backlight MTBF	30,000 hrs	
	Viewing Angle (H/V)	160°/160°	
	Contrast Ratio	800 (TYP.)	
	Brightness (cd/m²)	400 nits	
Display Control	OSD (on screen display)		
Display Mode	VGA 640 x 350 (70Hz)	, VGA 640 x 480 (60/72/75Hz),	
	VGA 720 x 400 (70Hz)	, SVGA 800 x 600 (60/72/75Hz),	
	XGA 1024 x 768 (60/72/75Hz)		



Input Signal	DVI-D		
	VGA		
	HDMI		
	Touchscreen: Serial F	RS-232 or USB interface	
I/O Connectors		r touchscreen version	
	1 x DVI-D		
	1 x DisplayPort		
	1 x HDMI		
	1 x Screw-type DC power input		
Power Adapter	Screw-type external AC / DC power adapter		
Touchscreen	Thickness	Resistive: 3.2 mm	
	Light Transmission	Resistive: 80%	
	Power Consumption	Resistive: +5V @ 100mA	
	Touch Life	Resistive: 35million touches	
		Controller interface: RS-232 D-type	
		9pin male connector or USB	
Dimensions	TBD		
Packing Dimensions	TBD		
Weight (net/gross)	TBD		
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)		
	Storage temperature: -20°C ~ +60°C (-4°F ~ +140°F)		
	Relative humidity: 20%~90%@40°C, non-condensing		
Certificate	CE		

#### **Ordering Information**

AC Power	Resistive (RS-232)	P6121PR-AC-RS-US-EU
	Resistive (USB)	P6121PR-AC-U-US-EU
	Glass	P6121PG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6121PR-DC-RS
	Resistive (USB)	P6121PR-DC-U
	Glass	P6121PG-DC

Overview

Fanless Touch Panel Computers

omputers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers

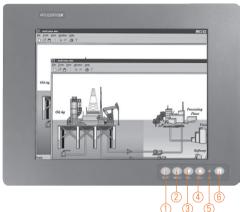


Healthcare & Medical Solutions



## P6122

#### 12.1" SVGA TFT Industrial LCD Monitor



#### **Features**

- 12.1" TFT 450 nits high brightness SVGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Resistive touchscreen

Exit
 Menu
 SEL SEL+
 Power LED
 Power switch

- Supports full range screw-type (locked) AC-in or 24V DC-in (option)
- Supports multi-signal inputs: VGA, S-video, Video and DVI-D
- Supports panel mount, wall mount and VESA arm

- 46.5mm 7 8 9 10 12
  - 7. T/S port
- 10. VGA
- 8. DC power input
- 11. Video
- 9. DVI (Only for DVI-D)
- 12. S-video



#### Introduction

The P6122 is an slim & compact industrial LCD monitor equipped 12.1-inch 450 nits high brightness SVGA LCD display and supports multi-signal interfaces including DVI-D, VGA, S-video, and Video. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6122 supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. In order to provide more flexible configurations, the open frame option is available as well. The P6122 is especially suitable for POI/POS, excellent HMI and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel		
Mounting	Panel mounting, wall mounting or VESA FPMPMI		
	mounting (video electronics standards association flat panel monitor physical mounting interface)		
LCD Panel	Display Type	12.1" TFT SVGA LCD	
	Max. Resolution	800 x 600	
	Max. Colors	16.2M/262k	
	Active Area (mm)	246 x 184.5	
	Pixel Pitch (mm)	0.3075 x 0.3075	
	Response Time	35ms	
	Backlight	LED	
	Backlight MTBF	50,000 hrs	
	Viewing Angle (H/V)	160°/140°	
	Contrast Ratio	700 (TYP.)	
	Brightness (cd/m²)	450 nits	
Display Control	OSD (on screen display)		
Display Mode	VGA 640 x 480 (60/72	•	
	SVGA 800 x 600 (60/7	'2Hz)	

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB Interface	
	Video (optional) S-video (optional)	
I/O Connectors	1 x RS-232 or USB for touchscreen version	
	1 x VGA input 1 x DVI-D	
	1 x Screw-type DC power input	
	1 x RCA for video (optional)	
	1 x S-Video for video (optional)	
Power Adapter	Screw-type external AC / DC power adapter	
Touchscreen	Thickness	
	Resistive: 2.2 mm	
	Light Transmission	
	Resistive: 80%	
	Power Consumption	
	Resistive: +5V @ 100mA	
	Touch Life	
	Resistive: 35million touches	
	Controller interface: RS-232 or USB	
	D-type 9-pin male connector	
	or USB connector	
Dimensions	340 mm (13.3") (W) x 46.5 mm (1.8) (D) x 260 mm (10.2") (H)	
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D)	
	x 540 mm (21.26") (H)	
Weight (net/gross)	3.0 kg (6.61 lb)/6.6 kg (14.55 lb)	
Environment	Operating temperature: -10°C ~ +55°C (+14°F ~ +131°F)	
	Storage temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 20%~90%@40°C, non-condensing	
Certificate	CF	

#### **Ordering Information**

P6122			
AC Power	Panel Mount Monitor		
	Resistive (RS-232)	P6122PR-AC-RS-V3-RC-US-EU	
	Resistive (USB)	P6122PR-AC-U-V3-RC-US-EU	
	Glass	P6122PG-AC-V3-RC-US-EU	
24VDC Power	Panel Mount Monitor		
	Resistive (RS-232)	P6122PR-24VDC-RS-V3-RC	
	Resistive (USB)	P6122PR-24VDC-U-V3-RC	
	Glass	P6122PG-24VDC-V3-RC	

Panel Mount Monitor		
Resistive (RS-232)	P6122LPR-AC-RS-V3-RC-US-EU	
Resistive (USB)	P6122LPR-AC-U-V3-RC-US-EU	
Glass	P6122LPG-AC-V3-RC-US-EU	
Panel Mount Monitor		
Resistive (RS-232)	P6122LPR-24V-DC-RS-V3-RC	
Resistive (USB)	P6122LPR-24V-DC-U-V3-RC	
Glass	P6122LPG-24V-DC-V3-RC	
	Resistive (RS-232) Resistive (USB) Glass Panel Mount Monitor Resistive (RS-232) Resistive (USB)	

<sup>\*</sup> Specification and certifications are based on options and may vary.

#### **Optional Accessories**

ARM-VM-101	VESA ARM (clamp type)	
ARM-VM-105	VESA ARM (wall mount type)	
Wall mounting & des	oton stand	







▲ Various mounting ways: panel/ wall/ VESA

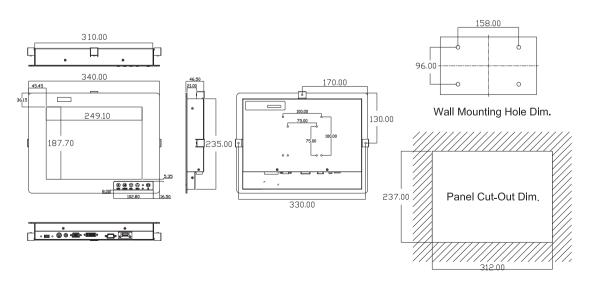


 $\blacktriangle$  Screw-type power input



▲ Phoenix-type power input

#### **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

> > 4

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

## P6101

#### 10" XGATFT Industrial LCD Monitor





1. Menu 2. SEL+ 3. SEL-4. Exit 5. Power LED 6. Power Switch

### **Features**

- 10" TFT XGA LED backlight LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel monitor
- Supports panel mount, wall mount, rack mount and VESA arm
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 12V/24V DC-in (option)
- Supports multi-signal inputs: DVI-D, VGA and HDMI



▲ Ultra-slim mechanism design

#### Introduction

The P6101 is an ultra slim industrial LCD monitor, which adopts 10-inch 350 nits XGA LED backlight LCD display and supports multi-signal interfaces including DVI, VGA and HDMI. Featuring NEMA 4/12 & IP65 compliant front bezel, screw-type adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6101 supports panel mount, wall mount, rack mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. It is especially suitable for P0I/P0S, excellent HMI and all kinds of heavy-duty industrial fields.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel	
Mounting	Panel mount, wall mount, rack mount or VESA FPMPMI mounting (video electronics standards association flat panel monitor physical mounting interface)	
LCD Panel	Display	10" TFT XGA LED
	Max. Resolution	1024 x 768
	Max. Colors	16.7M
	Active Area (mm)	211.2 x 158.4
	Pixel Pitch (mm)	0.2063 x 0.2063
	Response Time	16ms
	Backlight	LED backlight
	Backlight MTBF	30,000 hrs
	Viewing Angle (H/V)	160°/160°
	Contrast Ratio	900 (TYP.)
	Brightness (cd/m²)	350 nits
Display Control	OSD (on screen display)	
Display Mode		, VGA 640 x 480 (60/72/75Hz), , SVGA 800 x 600 (60/72/75Hz), '2/75Hz)



Input Signal	DVI-D			
	VGA			
	HDMI			
	Touchscreen: Serial F	RS-232 or USB interface		
I/O Connectors		1 x RS-232 or USB for touchscreen version		
	1 x DVI-D			
	1 x DisplayPort			
	1 x HDMI	1 x HDMI		
	1 x Screw-type DC power input			
Power Adapter	Screw-type external AC / DC power adapter			
Touchscreen	Thickness	Resistive: 3.2 mm		
	Light Transmission	Resistive: 80%		
	Power Consumption	Resistive: +5V @ 100mA		
	Touch Life	Resistive: 35million touches		
		Controller interface: RS-232 D-type		
		9pin male connector or USB		
Dimensions	TBD			
Packing Dimensions	TBD			
Weight (net/gross)	TBD			
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)			
	Storage temperature	: -20°C ~ +60°C (-4°F ~ +140°F)		
	Relative humidity: 20	%~90%@40°C, non-condensing		
Certificate	CE			

#### **Ordering Information**

AC Power	Resistive (RS-232)	P6101PR-AC-RS-US-EU
	Resistive (USB)	P6101PR-AC-U-US-EU
	Glass	P6101PG-AC-US-EU
12V/24VDC Power	Resistive (RS-232)	P6101PR-DC-RS
	Resistive (USB)	P6101PR-DC-U
	Glass	P6101PG-DC

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Healthcare & Medical Solutions



### P6105

10.4" XGA Railway Touch Display with EN50155 T1 Class (-25°C ~ +55°C)





1. Menu 2. SEL+ 3. SEL-

4. Exit

5. Power LED

6. Power switch

# 7 8 9 10 11 2

- 7. DC power input
- 10. HDMI 11. DVI-D
- 8. IR remote control (RS-232) 9. T/S Port (RS-232)
- 12. Line-in

## EN50155

#### Introduction

The EN50155 railway touch panel computer P6105 adopts a 10.4-inch XGA TFT LCD with 500 nits brightness and a 5-wire resistive touch screeen with IP65 grade aluminum front bezel to provide protection of liquad dmage and user friendly control interface.

#### Wide Temperature (-25°C ~ +55°C) supported

The Axiomtek 10.4-inch railway touch monitor adopts extended temperature technology with a wide temperature range from -25°C  $\sim$  +55°C and fanless cooling system as well as super compact design for transportation & harsh environment.

#### High brightness 500 nits & wide viewing angle

The railway grade EN50155 touchscreen display P6105 adopts a high brightness 500 nits 10.4-inch LCD with sunlight readable technology. The screen is legible even under strong sunlight and is readable under skies outdoor in parking lots and more. With its wide viewing angle, user won't miss information on the display.

#### Anti-vibration for railway

With an anti-vibration design and EN50155 class T1 certification, the Axiomtek rugged 10.4" railway touch panel PC can work perfectly on the train.

#### **Features**

- EN50155 compliance for railway application
- 10.4" high brightness touchscreen XGA TFT LCD
- Wide viewing angle and high brightness 500 nits
- Multiple video inputs including DVI-D and HDMI
- Supports 5-wire resistive touch
- Supports light sensor for auto-dimming (optional)
- Front bezel NEMA 4/12 (IP65)-compliant
- 24VDC or 110VDC power input
- Wide temperature range from -25°C ~ +55°C
- Supports 5 keys OSD
- EN50155 T1 class for railway application
- Optional IR remote control
- Supports front panel mount and VESA 100, optional desktop stand



Front Bezel	NEMA 4/12 (IP65)-coi	NEMA 4/12 (IP65)-compliant, metal front bezel	
LCD Panel	Display Type	10.4" TFT XGA LCD	
	Max. Resolution	1024 x 768	
	Max. Colors	16.2M/262k	
	Active Area (mm)	210.4 (H) x 157.8 (V)	
	Pixel Pitch (mm)	0.0685 (H) x 0.2055 (V)	
	Response Time	25ms	
	Backlight	LED	
	Backlight MTBF	50,000 hrs	
	Viewing Angle (H/V)	176°/176°	
	Contrast Ratio	1000 (TYP.)	
	Brightness (cd/m²)	500 nits	
Display Control	OSD (on screen displa	ay)	
Display Mode	VGA 640 x 480 (60/72	2 Hz)	
	SVGA 800 x 600 (60/7	*	
	XGA 1024 x 768 (60/7	72 Hz)	

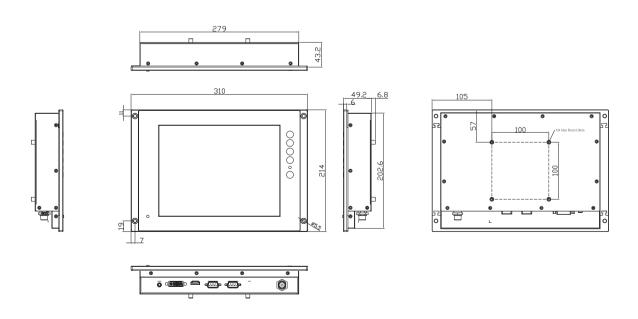
Input Signal	HDMI	
	DVI (Only for DVI-D)	
	Touchscreen: Serial RS-232 Interface	
	IR remote control	
	LINE-IN	
I/O Connectors	1 x RS-232 for touchscreen version	
	1 x HDMI	
	1 x DVI-D	
	1 x DC power input 1 x BS-232 for IB remote control	
	1 x N5-232 for in remote control 1 x LINF-IN	
D A.L.	TACHE III	
Power Adapter	24VDC or 110VDC power input	
Touchscreen	Thickness	
	Resistive: 2.2 mm	
	Light Transmission	
	Resistive: 80%	
	Power Consumption Resistive: +5V @ 100mA	
	Touch Life	
	Resistive: 35million touches	
	Controller interface: RS-232	
	D-type 9-pin male connector	
Dimensions	310 mm (12.20") (W) x 49 mm (1.94") (D) x 214 mm (8.43") (H)	
Packing Dimensions	372 mm (14.65") (W) x 175 mm (6.89") (W) x 412mm (16.2") (H)	
Weight (net/gross)	2.2 kg (4.85 lb) /3.45 kg (7.61 lb)	
Environment	Operating temperature: -25°C ~ +55°C (-13°F ~ +131°F)	
	Storage temperature: -30°C ~ +80°C (-22°F ~ +176°F)	
	Relative humidity: 20%~90%@40°C, non-condensing	
Certificate	CE/EN50155	

#### **Ordering Information**

P6105DPR-24VDC 10.4" XGA railway touch display with EN50155 T1 class (-25°C  $\sim$  +55°C)



#### **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel Computers

<sup>\*</sup> Specification and certifications are based on options and may vary.

## P6100

#### 10.4" SVGA TFT Industrial LCD Monitor



#### 11 12 (8) (10)

- 7. DC power input
- 8. T/S port
- 9. DVI (Only for DVI-D)
- 10. VGA
- 11. Video (CVBS)
- 12. S-video

#### **Features**

- 10.4" TFT 230 nits SVGA LCD
- NEMA 4/12 (IP65)- compliant panel mounting flat panel
- Resistive touchscreen
- Supports full range screw-type (locked) AC-in or 24V DC-in
- Supports multi-signal inputs: VGA, S-video, Video and DVI-D
- Supports panel mount, wall mount and VESA arm



▲ Side view

#### Introduction

The P6100 is a slim & compact industrial LCD monitor equipped with 10.4-inch 230 nits brightness SVGA LCD display and supports multi-signal interfaces including DVI-D, VGA, S-Video, and video. Featuring NEMA 4/12 & IP65 compliant front bezel, screwtype adaptor plug design, and 12/24V DC-In means it is fit for all kinds of industrial environments. Moreover, the P6100 supports panel mount, wall mount or VESA FPMPMI (Video Electronics Standards Association Flat Panel Monitor Physical Mounting Interface) mounting. With the compact mechanism design, users can enjoy free from space constraint. This compact size industrial-grade flat panel monitor is ideal for varied industrial or commercial projects, such as transportation, POI, HMI, and even rugged environments.

Front Bezel	NEMA 4/12 (IP65)-compliant, metal front bezel		
Mounting	Panel mounting, wall mounting or VESA FPMPMI		
	mounting (video electronics standards association flat		
	panel monitor physical mounting interface)		
LCD Panel	Display Type	10.4" TFT SVGA LCD	
	Max. Resolution	800 x 600	
	Max. Colors	16.2M/262k	
	Active Area (mm)	211.2 x 158.4	
	Pixel Pitch (mm)	0.264 x 0.264	
	Response Time	35ms	
	Backlight	LED	
	Backlight MTBF	30,000 hrs	
	Viewing Angle(H/V)	160°/130°	
	Contrast Ratio	500 (TYP.)	
	Brightness (cd/m²)	230 nits	
Display Control	OSD (on screen display)		
Display Mode	VGA 640 x 480 (60/72Hz)		
	SVGA 800 x 600 (60/7	72Hz)	

Input Signal	VGA Video: R.G.B Analog 0.7v Peak-to-Peak DVI (Only for DVI-D) Touchscreen: Serial RS-232 or USB interface Video (optional) S-video (optional)	
I/O Connectors	1 x RS-232 or USB touchscreen version 1 x VGA input 1 x DVI (Only for DVI-D) 1 x Screw-type DC power input 1 x RCA for video (optional) 1 x S-video for video (optional)	
Power Adapter	Screw-type external AC / DC power adapter	
Touchscreen	Thickness Resistive: 2.2 mm Light Transmission Resistive: 80% Power Consumption Resistive: +5V @ 100mA Touch Life Resistive: 35million touches Controller interface: RS-232 or USB D-type 9-pin male connector or USB connector	
Dimensions	294.2 mm (11.58") (W) x 46.6 mm (1.83") (D) x 231.2 mm (9.1") (H)	
Packing Dimensions	380 mm (14.96") (W) x 190 mm (7.48") (D) x 430 mm (16.93") (H)	
Weight (net/gross)	2.6 kg (5.73 lb)/5.1 kg (11.24 lb)	
Environment	Operating temperature: -10°C ~ +60°C (+14°F ~ +140°F) Storage temperature: -30°C ~ +80°C (-22°F ~ +176°F) Relative humidity: 20%-90%@40°C, non-condensing	
Certificate	CE	







▲ Various mounting ways: panel/wall/VESA

#### **Ordering Information**

P6100		
AC Power	Panel Mount Monitor	
	Resistive	P6100PR-AC-RS-V3-RC-US-EU
	Resistive (USB)	P6100PR-AC-U-V3-RC-US-EU
	Glass	P6100PG-AC-V3-RC-US-EU
24VDC Power	Panel Mount Monitor	•
	Resistive	P6100PR-24VDC-RS-V3-RC
	Resistive (USB)	P6100PR-24VDC-U-V3-RC
	Glass	P6100PG-24VDC-V3-RC

Panel Mount Monitor		
Resistive (RS-232)	P6100LPR-AC-RS-V3-RC-US-EU	
Resistive (USB)	P6100LPR-AC-U-V3-RC-US-EU	
Glass	P6100LPG-AC-V3-RC-US-EU	
Panel Mount Monitor		
Resistive	P6100LPR-24V-DC-RS-V3-RC	
Resistive (USB)	P6100LPR-24V-DC-U-V3-RC	
Glass	P6100LPG-24V-DC-V3-RC	
	Resistive (RS-232) Resistive (USB) Glass Panel Mount Monitor Resistive Resistive (USB)	

<sup>\*</sup> Specification and certifications are based on options and may vary.

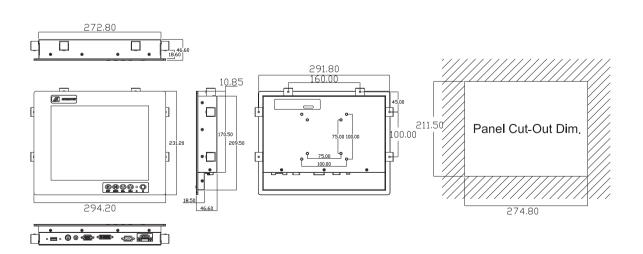
#### **Optional Accessories**

ARM-VM-101	VESA ARM (clamp type)	
ARM-VM-105	VESA ARM (wall mount type)	
Wall mounting & desktop stand		



▲ Phoenix-type power input

#### **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch

panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel



# Touch Panel Computers



## Infotainment Touch Panel Computers



The IFO2000 series is a fanless touch panel computer for infotainment system. This user-friendly all-in-one industrial touch panel PC supports the powerful Intel® processors. It has IPX1 compliant chassis and IP65 rated spill- and dust-resistant front panel and is equipped with an industrial grade TFT LCD display. This slimtype infotainment terminal provides an excellent thermal solution with the patented design of the back aluminum chassis to dissipate heat efficiently and enhance system reliability. The IFO2000 seriees is ideally suited for human machine interface platform for applications in hotel/ airport check-in/out, shopping mall, restaurant, self-ordering counters, and building visit control.

Introduction		635
Selection Guide		636
IFO2225-873	22" TFT Fanless Super Slim Touch Panel Computer with Intel® Core™ i7/i5/i3 Processor	637
IFO2175-873	17" TFT Fanless Super Slim Touch Panel Computer with Intel® Core™ i7/i5/i3 Processor	639

## 0

## **Industrial Panel Computers & Monitors**

#### **IFO2000 Series for Infotainment**

The IFO2000 series is specifically designed in mind to be a trustworthy infotainment platform to withstand heavy public usage and harsh conditions. The IPX1-rated enclosure & IP65-rated front bezel water/dust-proof and anti-scratch designs make this system outstanding for public space application, such as hotel/airport check-in/out, and building visit controls. The IFO2000 series is available in 4:3 and 16:10 interactive touchscreen, giving our customers a peace of mind whether they are using new or older version software.

#### **Major Features**









▲ IPX1 waterproof design

▲ Various mounting options: Desktop/Wall/VESA

▲ Optional peripherals: RFID, Bluetooth, Wi-Fi

▲ Building visitor Control

## Fanless Touch Panel Computers

Selection Guide



Page 637



	•	
Features Wodels	IFO2175-873	IFO2225-873
CPU Level	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W
Chipset	Intel® QM77	Intel® QM77
System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
CPU FSB Frequency	N/A	N/A
Display	17", SXGA, 350 nits	22" TFT, WSXGA, 250 nits
I/O	1 x RS-232/422/485 (COM1) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x DP 2 x 2W speakers	2 x RS-232 (COM 2/3) 1 x RS-232/422/485 (COM1) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 2 x USB 3.0 1 x Audio (Line-out) 1 x DP 2 x 2W speakers
Storage	1 x 2.5" SATA HDD 1 x mSATA	1 x 2.5" SATA HDD 1 x mSATA
FDD	N/A	N/A
DVD-RW	1 x super multi drive (optional)	1 x super multi drive
Expansion Interface	1 x PCl or 1 x PCle x4 (optional) 2 x PCle Mini Card	1 x PCl or 1 x PCle x4 (optional) 2 x PCle Mini Card
Touchscreen	5-wire resistive Type	5-wire resistive Type
Operating System	Windows® XP, WES Windows® 7, WES 7, Windows® 8.1, WE8S	Windows® XP, WES Windows® 7, WES 7, Windows® 8.1, WE8S
Power Supply	24VDC with AC-DC adapter	24VDC with AC-DC adapter
Power Consumption	max. up to 98.64 W	max, up to 101.04 W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	438 x 76.5 x 376.4 mm (17.24" x 3.01" x 14.81")	573.5 x 75.9 x 398.9 mm (22.57" x 2.98" x 15.7")
Weight (net/gross)	8.0 kg (17.63 lb)/ 11.9 kg (26.23 lb)	10.58 kg (23.32 lb)/15.16 kg(33.42 lb)
Operating Temperature	0° ~ +40°C (+32°F ~ +104°F)	0° ~ +40°C (+32°F ~ +104°F)
Certificate	CE	CE

Heavy-duty Fanless Touch Panel Computers Industrial Touch Panel Computers Industrial Touch panel Monitors 5 Infotainment Touch Panel Computers Healthcare & Medical Solutions Open Frame Panel

Accessories

Overview

Fanless Touch Panel Computers

## IFO2225-873

22" WSXGATFT Fanless Super Slim Touch Panel Computer with Intel® Core™ i7/i5/i3 & Celeron® Processor



- 1. Brightness adjust buttons
- 2. Volume adjust buttons
- 3. Power LED
- 4. MIC
- 5. Power switch
- 6. Speaker (R)
- 7. COM 2 (RS-232)
- 8. COM 1 (RS-232/422/485)
- 9. Gigabit LAN x 2
- 10. USB 2.0 x 2
- 11. USB 3.0 x 2
- 12. Audio (Line-out/Mic-in)
- (19) 13. DisplayPort
  - 14. Power connector
- 15. Power switch
- 16. PCI or PCIe x 4
- 17. USB 2.0 x 2
- 18. COM 3 (RS-232)
- 19 Sneaker (L)

#### Features

- 22" (250 nits) WSXGA TFT LCD
- Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- USB 3.0 supported
- Water/dust-proof design (front bezel: IP65, full enclosure:
- 1 PCI or PCIe x4 expansion slot and 2 PCIe Mini Card slots
- Optional Bluetooth/Wi-Fi (802.11 a/b/g/n)
- Built-in 5 mega pixels camera
- Supports optional Wall mount, VESA arm and desktop stand



▲ Rear view



















#### Introduction

The IFO2225-873 is a slim panel computer equipped with a 22-inch 250 nits high brightness WSXGA LCD display that supports an 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor up to 35 W with Intel® QM77 chipset. The Intel® HD Graphics 4000/2500 engine with DX11 support is built into the chipset to provide fast graphics performance. The panel PC also supports DualView and multiple I/O options including 4 USB 2.0 and 3 RS-232 ports. The built-in 5 mega pixels camera and microphone/speakers can provide a solution for VoIP and remote monitoring. The IFO2225-873 also supports an antenna for wireless (802.11 b/g/n) connection. Its dual Gigabit Ethernet ports provide high speed Ethernet as well as a high reliable redundancy host connection. This robust unit is designed to be work under minimal noise levels, low power consumption, high reliability and while maintaining efficient performance. Its excellent industrial design (ID) and user friendly interface design make it an ideal solution best suited for infotainment, advertising messaging, and other digital signage applications.

#### Water/dust-proof design for entire system: IPX1

The IPX1-rated water/dust-proof housing protects the entire 22" panel system from outside damage caused by water drip damage while installed at public or enclosed environments. Its unique design improves system stability while saving time and money on maintenance costs and re-installation time.

Front Bezel	Plastic ABS	
LCD Panel	Display Type	22" WSXGA TFT
	Brightness (cd/m²)	250 nits
	Resolution	1680 x 1050
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W
	Chipset	Intel® QM77
	System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD
		1 x mSATA SSD (optional)
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Intel® HD Graphic

I/O Connector	2 x RS-232 (COM 2/3)
	1 x RS-232/422/485
	2 x 10/100/1000Mpbs Ethernet
	4 x USB 2.0
	2 x USB 3.0
	1 x Audio (Line-out)
	1 x Audio (Mic-in)
	1 x DisplayPort
Expansion Interface	1 x PCI or 1 x PCIe x4 slot
	2 x PCIe Mini Card slot (optional)
Speaker	2 x 2W
Camera	1 x 5M pixels camera
Touchscreen	5-wire resistive type
Function Key	LCD brightness up/down, audio volume up/down, power on/off
Power Supply	External 19VDC or 24VDC with AC/DC power adapter
Dimensions	573.5 mm (22.57") (W) x 75.9 mm (2.98") (D) x 398.9 mm (15.7") (H)
Packing Dimensions	730 mm (28.74") (W) x 240 mm (9.45") (D) x 650 mm (25.59") (H)
Weight (net/gross)	10.58 kg (23.32 lb)/ 15.16 kg (33.42 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F)
	Storage temperature: 0°C ~ +40°C (+32°F ~ +104°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
Certificate	CE

#### **Ordering Information**

IF02225-873-NP-DRW	22" WSXGA fanless touch panel computer with 3rd generation Intel® Core™ processor, 5-wire resistive touch screen, super multi drive and AC-DC 120W power adapter (screw type connector)
IF02225-873-NP w/o DRW	22" WSXGA fanless touch panel computer with 3rd generation Intel® Core™ processor, 5-wire resistive touch screen and AC-DC 120W power adapter (screw type connector)

<sup>\*</sup> Specification and certifications are based on options and may vary.
\*\*Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.

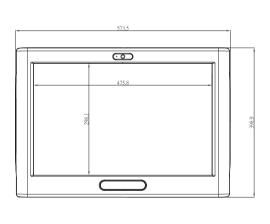
#### **Optional Accessories**

E202003330	VM-101 VESA ARM (clamp type)	
E202003329	VM-105 VESA ARM (wall mount type)	
E222175103	22" stand kit	

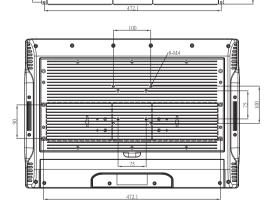
#### **Optional OS Installation**

Windows® XP		
Windows® 7		
Windows® 8.1		
WE8S		

#### **Dimensions**











Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers

Healthcare & Medical Solutions



## IFO2175-873

17" SXGA TFT Fanless Super Slim Touch Panel Computer with 3rd Generation Intel® Core™ i7/i5/i3 & Celeron® Processor





- 1. Brightness Adjust buttons
- 2. Volume adjust buttons
- 3. Power LED
- 4. MIC
- 5. Power on/off button
- 6. Speaker (R)
- (RS-232/422/485)
- 8. Gigabit LAN x 2
- 9. USB 2.0 x 2
- 10. USB 3.0 x 2
- 11. Audio (Line-out/Mic-in)
- 12. DisplayPort

#### Features

- 17" (350 nits) SXGA TFT LCD
- Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- USB 3.0 supported
- Water/dust-proof design (front bezel: IP65, full enclosure:
- Optional one PCI or PCIe x4 expansion slot
- Optional Bluetooth/Wi-Fi (802.11 b/g/n)
- Built-in 5 mega pixels camera
- Supports optional wall mount, VESA arm and desktop stand













13. Power connector

14. Power switch

15. PCI or PCIe slot

16. Speaker (L)



#### Introduction

The IFO2175-873 is a slim panel computer equipped with a 17-inch 350 nits high brightness SXGA LCD display that supports an 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processors up to 35W with Intel® QM77 chipset. The Intel® HD Graphics engine with DX11 support is built into the chipset to provide fast graphics performance. The panel PC also supports DualView and multiple I/O options including 4 USB and 1 RS-232/422/485 ports. The built-in 5 mega pixels camera and microphone/speakers can provide a solution for VoIP and remote monitoring. The IFO2175-873 also supports an antenna for wireless (802.11 b/g/n) connection. Its dual Gigabit Ethernet ports provide high speed Ethernet as well as a high reliable redundancy host connection. This robust unit is designed to be work under minimal noise levels, low power consumption, high reliability and while maintaining efficient performance. Its excellent industrial design (ID) and user friendly interface design make it an ideal solution best suited for infotainment, advertising messaging, and other digital signage applications.

#### Water/dust-proof design for entire system: IPX1

The IPX1-rated water/dust-proof housing protects the entire system from outside damage caused by water drip damage while installed at public or enclosed environments. Its unique design improves system stability while saving time and money on maintenance costs and re-installation time.

Front Bezel	Plastic ABS	
LCD Panel	Display Type	17" SXGA TFT LCD
	Brightness (cd/m²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W
	Chipset	Intel® QM77
	System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD 1 x mSATA
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Intel® HD Graphic

opcomounci.	
I/O Connector	1 x RS-232/422/485 (isolated 4KV) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 (isolated 4KV) 2 x USB 3.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x DisplayPort
Expansion Interface	1 x PCl or 1 x PCle x4 slot (optional) 2 x PCle Mini Card slot
Speaker	2 x 2W
Camera	1 x 5M pixels camera
Touchscreen	5-wire resistive type
Function Key	LCD brightness up/down, audio volume up/down, power on/off
Power Supply	External 19VDC or 24VDC with AC/DC medical grade power adapter
Dimensions	438 mm (17.24") (W) x 76.5 mm (3.01") (D) x 376.4 mm (14.81") (H)
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	8.0 kg (17.63 lb)/ 11.9 kg (26.23 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Storage temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40°C; non-condensing
Certificate	CE

#### **Ordering Information**

IF02175-873-NP-DRW	17" SXGA fanless touch panel computer with 3rd generation Intel® Core™ processor, 5-wire resistive touch screen, super multi drive and AC-DC 120W power adapter (screw type connector)
IF02175-873-NP w/o DRW	17" SXGA fanless touch panel computer with 3rd generation Intel® Core™ processor, 5-wire resistive touch screen and

AC-DC 120W power adapter (screw type connector) \* Specification and certifications are based on options and may vary.

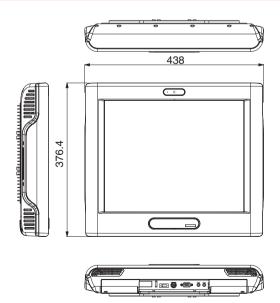
#### **Optional Accessories**

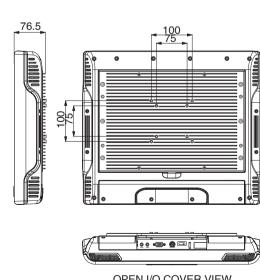
E202003330	VM-101 VESA ARM (clamp type)	
E202003329	VM-105 VESA ARM (wall mount type)	
E228170100	17" stand kit	

#### **Optional OS Installation**

Windows® XP	
Windows® 7	
Windows® 8.1	
WE8S	

#### **Dimensions**





OPEN I/O COVER VIEW

Overview

Fanless Touch Panel

Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Healthcare & Medical Solutions

Open Frame Panel

<sup>\*\*</sup>Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.



# Touch Panel Computers



### Healthcare & Medical Solutions

**-**O

Regarding quality is becoming ever-more stringent in the field of medical products, Axiomtek has been committed to developing medical touch panel computers (MPC series) that deliver features such as power efficiency, sleek ID, IPX1-rated water-proof design, operating without making any noise, and achieving certifications such as ISO 13485: 2003, UL60601-1/EN60601-1, CE, FCC Class B. Axiomtek's heathcare & medical solutions are absolutely your best choice ideal for applications like medical image processing, medical measuring instrument and mobile nursing cart.

		Introduction		643
		Selection Guide		644
		Medical Panel Com	pputers	
	NEW	MPC240	24" FHD TFT Medical Grade Panel Computer with 4th Generation Intel® Core™ M-series, Celeron® & Pentium® Processor	647
		MPC225-873	22" WSXGA TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/ i5/ i3 Processor	649
		MPC175-873	17" SXGA TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/ i5/ i3 Processor	651
TAIWAN EXCELLENCE 2016	NEW	MPC153-834	15.6" WXGA TFT Medical Grade Panel Computer with Intel® Celeron® Processor J1900	653
		MPC152-832	15" XGA TFT Medical Grade Panel Computer with Low Power Intel® Atom™ Processor D2550	655
		MPC102-832	10.4" SVGA Medical Grade Panel Computer with Low Power Intel® Atom™ Processor N2600	657
	NEW	MPC103-845	10.1" WXGA TFT Medical Grade Panel Computer with Intel® Celeron® Processor N3060	659

## 0

## **Medical Panel Computers**

Axiomtek's MPC series, the fanless medical grade panel computer, is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts IP65 front panel and IPX1 entire system spill/dust-proof designs which protect the entire system from outside liquid, preventing system from crashing, yet still offers excellent heat ventilation and fanless operation. Powered by Intel® Core™ / Core™2 Duo/ Pentium®/ Celeron®/ Atom™ processor and PCI expansion slot, the MPC series is definitely the best choice for your medical panel computer.

This series complies with ISO 13485: 2003, UL60601-1/EN60601-1, CE, FCC Class B certifications to ensure medical operation safety. it is outfitted with high brightness TFT LCD display. Additionally, it offers flexible CPU selection with socket type which reduces cost, increases convenience over onboard CPU, and still maintains a fanless operation and long product life cycle. For expansion capability, the platform supports one PCI or PCIe x4 slot for video capture card, data acquisition card and more. The built-in 5M mega pixels camera, microphone and stereo speakers allows medical professionals to execute remote operation. Bluetooth is an available option for wireless connection with medical peripheral devices. Optional W-iFi (802.11 a/b/g/n) allows wireless real-time connection of patient record for assessment. To improve patient treatment accuracy, the optional RFID (radio frequency identification) offers an efficient way to validate patient identification and give proper treatment.

#### **Major Features**



▲ IPX1 waterproof design



▲ Built-in 5 mega pixels camera



▲ Various mounting ways: Desktop/Wall/ VESA/panel mount



▲ Slim design with PCI or PCIe expansion and multiple I/O interface



▲ TFT LCD monitor sizes: 10.1"/10.4"/15"/15.6"/17"/22"/24"



▲ Medical certifications: ISO 13485: 2003, UL60601-1, EN60601-1, FCC Class B

## **Medical Panel Computers**

Selection Guide







Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

6 Healthcare & Medical Solutions

Open Frame Panel

Page 649

Features Wodels	MPC240	MPC225-873
CPU Level	Socket G3 4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® mobile processor	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W
Chipset	Intel® HM86	Intel® QM77
System Memory	2 x 204-pin DDR3L 1600 MHz S0-DIMM max. up to 16 GB	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
Display	24" FHD, 250 nits	22" TFT, WSXGA, 250 nits
1/0	4 x USB 3.0 4 x USB 2.0 1 x line out 1 x mic-in 1 x RJ-45 jack 1 x DC-in jack 1 x HDMI	2 x RS-232 (COM 2/3)  1 x RS-232/422/485 (COM1 w/isolated 4KV)  2 x 10/100/1000Mbps Ethernet (isolated 4KV)  2 x USB 2.0 (isolated 4KV)  2 x USB 2.0  2 x USB 3.0  1 x Audio (Line-out)  1 x Audio (Mic-in)  1 x DisplayPort  2 x 2W speakers
Storage	1 x 2.5" SATA HDD 1 x M2-SATA SSD (M2 Type, 2242)	1 x 2.5" SATA HDD 1 x mSATA
DVD-RW	1 x super multi drive (optional)	1 x super multi drive (optional)
Expansion Interface	1 x PCle Mini Card	1 x PCI or 1 x PCIe x4 2 x PCIe Mini Card
Touchscreen	Projected capacitive multi-touch	5-wire resistive type
Power Supply	External AC/DC medical grade power adapter	External 24VDC with AC/DC medical grade power adapter
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0-255 sec.
Dimensions (W x D x H)	610 x 35.5 x 415 mm (24.01" x 1.40" x 16.34")	573.5 x 75.9 x 398.9 mm (22.57" x 2.98" x 15.7")
Weight (net/gross)	6.2 kg (13.66 lb)/9 kg (19.84 lb)	10.58 kg (23.32 lb)/15.16 kg (33.42 lb)
Operating Temperature	5°C ~ +40°C (+13°F ~ +104°F)	0° ~ +40°C (+32°F ~ +104°F)
Certificate	CE, EN60601-1	CE class B, EN60601-1, UL60601-1, CE class B, EN60601-1, UL60601-1



## **Medical Panel Computers**

Selection Guide







Page 651

Page 653

	Page 65 I	rage 653
Features Wodels	MPC175-873	MPC153-834
CPU Level	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W	Intel® Celeron® processor J1900 (up to 2.42 GHz)
Chipset	Intel® QM77	SoC Integrated
System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB	1 x 204-pin DDR3L-1333 MHz SO-DIMM up to 8 GB
Display	17" TFT, SXGA, 350 nits	15.6" TFT, WXGA, 300 nits
I/O	1 x RS-232/422/485 (COM 1 w/isolated 4KV) 2 x 10/100/1000Mbps Ethernet (isolated 4KV) 2 x USB 2.0 (isolated 4KV) 2 x USB 3.0 1 x Audio (Line-out) 1 x Audio (Mic-in) 1 x DisplayPort 2 x 2W speakers	2 x RS-232/422/485 (COM 1/2) 1 x RS-232/422/485 (COM3 w/isloated 4KV) 2 x 10/100/1000Mbps Ethernet (w/Intel i210IT) 2 x USB 3.0 1 x Audio (Line-out) 1 x Mic in
Storage	1 x 2.5" SATA HDD 1 x mSATA SSD (optional)	1 x 2.5" HDD 1 x CFast™ or mSATA
DVD-RW	1 x super multi drive (optional)	N/A
Expansion Interface	1 x PCI or 1 x PCIe x4 (optional) 2 x PCIe Mini Card	2 x PCle Mini Card
Touchscreen	5-wire resistive type	Projected capacitive multi-touch 5-wire flat resistive type
Power Supply	External 24VDC with AC/DC medical grade power adapter	9~36VDC External 100~240VAC, 60W medical grade power adapter
Watchdog Timer	255 levels, 0-255 sec.	255 levels, 0-255 sec.
Dimensions (W x D x H)	438 x 76.5 x 376.4 mm (17.24" x 3.01" x 14.81")	394.2 x 57 x 257.2 mm (15.53" x 2.25" x 10.13")
Weight (net/gross)	8.0 kg (17.63 lb)/11.9 kg (26.23 lb)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)
Operating Temperature	0° ~ +40°C (+32°F ~ +104°F)	0° ~ +40°C (+32°F ~ +104°F)
Certificate	CE class B, EN60601-1, UL60601-1, FCC classB	CE, EN60601-1, FCC classB









_	
Page	657

Page 659

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

6

Healthcare & Medical Solutions

Open Frame Panel Computers

	Page 655	Page 657	Page 659
eatures Wodels	MPC152-832	MPC102-832	MPC103-845
CPU Level	Intel® Atom™ D2550 @1.86 GHz	Intel® Atom™ N2600 @1.6 GHz	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
Chipset	Intel® NM10	Intel® NM10	SoC Integrated
System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 4 GB	1 x 204-pin DDR3 800/1066 MHz S0-DIMM max. up to 2 GB	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB
Display	15" TFT LCD, XGA, 400 nits	10.4" TFT LCD, SVGA, 400 nits	10.1" TFT LCD, WXGA, 350 nits
I/O	1 x RS-232 (COM3 w/isolated 4KV) 1 x RS-232/422/485 (COM1) 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Audio Line-out 1 x DisplayPort	1 x RS-232 (COM3 w/isolated 4KV) 1 x RS-232/422/485 (COM1) 2 x 10/100/1000Mbps Ethernet 2 x USB 2.0 1 x Audio Line-out 1 x DisplayPort	1 x RS-232 (w/isolated 4KV) 1 x RS-232-422-485 (default RS-232) 1 x HDMI 1 x Switch for power on/off 1 x AT/ATX mode selection switch 2 x USB 3.0 1 x Audio (Line-out) 2 x 10/100/1000Mbps Ethernet (Intel® i211AT)
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™	1 x Half-Slim SATA SSD 1 x CompactFlash™	1 x mSATA
DVD-RW	N/A	N/A	N/A
Expansion Interface	1 x PCle Mini Card	1 x PCle Mini Card	2 x PCle Mini Card
Touchscreen	5-wire resistive type	5-wire Resistive Type	Projected capacitive multi-touch
Power Supply	10~30VDC External 100~240VAC, 60W medical grade power adapter	10~30VDC External 100~240VAC, 60W medical grade power adapter	External 100-240VAC w/medical grade power adapter
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions W x D x H)	387.9 x 54.6 x 307.7 mm (15.27" x 2.14" x 12.11")	292.5 x 45.8 x 235.8 mm (11.52" x 1.8" x 9.28")	260 x 38 x 194.1 mm (10.27" x 1.50" x 7.65")
Weight (net/gross)	3.2 kg (7.05 lb)/4.5 kg (9.91 lb)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	TBD
Operating Temperature	0° ~ +40°C (+32°F ~ +104°F)	0° ~ +40°C (+32°F ~ +104°F)	0° ~ +40°C (+32°F ~ +104°F)
Certificate	CE, EN60601-1, UL60601-1, FCC classB	CE, EN60601-1, UL60601-1, FCC classB	CE, EN60601-1, FCC classB

## **MPC240**

24" FHD TFT Medical Grade Panel Computer with 4th Generation Intel® Core™ i7/i5/i3. Celeron® & Pentium® Mobile Processor





- (9) 3333444 1444444 2 ====-(5) (6) (7)
- 1. Camera
- 2. Optical disc drive
- 3. Cable tie slot
- 4. DC-in jack
- 5. USB 2.0 x 4
- 6, USB 3.0 x 4 7. RJ-45 port
  - 8. HDMI output port

  - 9. Speakers
  - 10. Power button

#### **Features**

- 24" FHD TFT LCD display with LED backlight
- Socket G3 4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® Mobile Processor
- EN60601-1 and CE certified
- Spill-proof front panel design
- Supports 10-point multi-touch screen
- Antimicrobial enclosure
- Ultra slim and super lightweight design
- Supports optional wall mount, VESA mount and desktop stand



11. Earphone jack

13. Card reader

12. Microphone jack















#### Introduction

The MPC240 is an Intel® Core™-based 24-inch medical grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical & healthcare environment, the 10-point touchscreen medical panel PC is front panel spill-proof design which protects the entire system from outside liquid, preventing system from crashing. In response to market demand, this 24" medical panel computer is a cost-effective solution.

#### Super slim & ultra lightweight design

The Axiomtek MPC240 is a super slim 24-inch touch panel PC for space-limited healthcare environment with its thickness of 35.5 mm and weight of 6.2 kg only, which make it installed everywhere. Besides, it provides medical grade AC power adapter.

#### **Built-in internal WLAN**

The stylish MPC240 provides a PCIe Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the 24-inch medical computer in a wireless LAN/GPRS/GSM/4G environment.

#### Certifications

This 24" multi-touch medical panel platform complies with EN60601 and CE certifications to ensure medical operation safety.

Front Bezel	Spill-proof	
LCD Panel	Display Type	24" FHD TFT LCD with LED backlight
	Brightness (cd/m²)	250 nits
	Resolution	1920 x 1080
Main System	CPU	Socket G3 4th generation Intel® Core™ i7/i5/i3, Celeron® & Pentium® mobile processor
	System Memory	2 x 204-pin DDR3L 1600 MHz SO-DIMM max. up to 16 GB, 8 GB for each socket
	BIOS	AMI BIOS
	Storage	1 x 2.5" SATA HDD 1 x M2-SATA SSD (M2 Type, 2242)
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated in Intel® GFX

•	
I/O Connector	4 x USB 3.0
	4 x USB 2.0
	1 x line out
	1 x mic-in
	1 x RJ-45 jack
	1 x DC-in jack
	1 x HDMI
Expansion Interface	1 x SDXC card reader slot
	1 x Mini Card slot for Wi-Fi
Audio	2 x 1.5 KHz speaker/70dB
	1 x microphone
Camera	1 x 2M pixels webcam
Sensor	1 x proximity sensor
Touch Screen	Projected capacitive multi-touch 10-point
Power Supply	1. 100V-240V, 135W medical grade power adapter
	2. Built-in UPS battery (optional)
Dimensions	610 mm (24.01") (W) x 35.5 mm (1.40") (D) x 415 mm (16.34") (H)
Packing Dimensions	780 mm (30.71") (W) x 160 mm (6.30") (D) x 530 mm (20.87") (H)
Weight(net/gross)	6.2 kg (13.66 lb)/9 kg (19.84 lb)
Environment	Operating temperature: 5°C ~ +40°C (+13°F ~ +104°F)
	Storage temperature: -30°C ~ +60°C (-22°F ~ +140°F)
	Relative humidity: 10%~90% @ 40°C; non-condensing
Certificate	CE, EN60601-1

#### **Ordering Information**

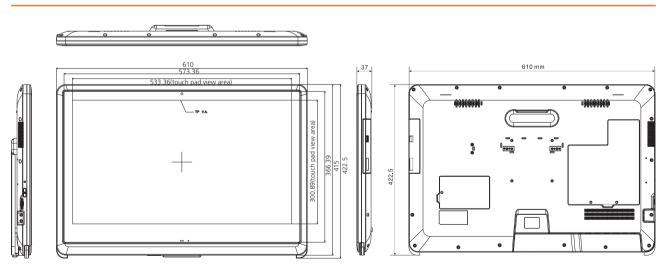
MPC240	22" FHD medical touch panel computer with Intel®
	Core™ processor, projected capactive multi-touch screen,
	AC-DC 135W medical grade power adapter (screw type
	connector), EMI class B and EN60601-1 certified

<sup>\*</sup> Specification and certifications are based on options and may vary.

#### **Optional OS Installation**

Windows® 7		
Windows® 8.1		

#### **Dimensions**





Overview

Fanless Touch Panel Computers



Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers





Infotainment Touch Panel Computers



Solutions



## MPC225-873

22"TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/i5/i3 & Celeron® Processor





- 1. Brightness Adjust buttons
- 2. Volume adjust buttons
- 3. Power LED
- 4. MIC
- 5. Touch on/off button
- 6. Speaker (R)
- 7. COM 2 (RS-232) 8. Isolated COM 1
- (RS-232/422/485) 9. Isolated Ethernet x 2
- 10. Isolated USB x 2
- 11. USB 3.0 x 2
- 12. Audio (Line-out/Mic-in)
- 13. DisplayPort
- 14. Power connector 15. Power switch
- 16. PCI or PCIe slot
- 17. USB 2.0 x 2 18. COM 3 (RS-232)
- 19. Speaker (L)

#### Features

- 22" (250 nits) WSXGA TFT LCD
- Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- Isolated COM, USB and Ethernet ports
- USB 3.0 supported
- Water/dust-proof design (front bezel: IP65, full enclosure:
- 1 PCI or PCIe x4 expansion slot and 2 PCIe Mini Card slots
- Optional Bluetooth/Wi-Fi (802.11 a/b/g/n)
- Built-in 5 mega pixels camera
- Touch screen on/off key for clean usage
- UL60601-1, EN60601-1, CE & FCC class B certified
- Supports optional wall mount. VESA arm and desktop stand

















#### Introduction

The MPC225-873 is a 22-inch slim TFT fanless medical grade panel computer, which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts IPX1 waterproof design which protects the entire system from outside liquid, preventing system from crashing. The Isolated COM/USB/LAN port design provides electric leakage protection in medical environment. Powered by socket rPGA988B 3rd Generation Intel® Core™ i7/i5/i3 processor and PCI expansion slot, the MPC225-873 is definitely the best choice for your medical computing platform.

This medical panel platform complies with UL60601-1, EN60601-1, CE, FCC Class B certifications to ensure medical operation safety. It is outfitted with 22-inch wide view angle WSXGA TFT LCD display. Additionally, the MPC225-873 offers flexible CPU selection with socket type which reduces cost, increases convenience over onboard CPU, and still maintains a fanless operation as well as long product life cycle. For expansion capability, the unit supports one PCI or PCIe x4 slot and two mini card slots for video capture card, data acquisition card, Wi-Fi, mSATA and more. The built-in  ${\bf 5}$ mega pixels camera, microphone and stereo speakers allow medical professionals to execute remote operation. Bluetooth is an available option for wireless connection with medical peripheral devices. Optional Wi-Fi (802.11 a/b/g/n) allows wireless real-time connection of patient record for assessment. To improve patient treatment accuracy, the optional RFID (radio frequency identification) offers an efficient way to validate patient identification and give proper treatment.

Front Bezel	Plastic ABS	
LCD Panel	Display Type	22" WSXGA TFT
	Brightness (cd/m²)	250 nits
	Resolution	1680 x 1050
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Socket rPGA988B 3rd generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W
	Chipset	Intel® QM77
	System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD
		1 x mSATA SSD (optional)
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Intel® HD Graphic

-	
I/O Connector	2 x RS-232 (COM 2/3)
	1 x RS-232/422/485 (COM 1 w/ isolated 4KV)
	2 x 10/100/1000Mbps Ethernet (isolated 4KV)
	2 x USB 2.0 (isolated 4KV)
	2 x USB 2.0
	2 x USB 3.0
	1 x Audio (Line-out)
	1 x Audio (Mic-in)
	1 x DisplayPort
Expansion Interface	1 x PCI or 1 x PCIe x4 slot (optional)
	2 x PCle Mini Card slot
Speaker	2 x 2W
Camera	1 x 5M pixels camera
Touchscreen	5-wire resistive type
Function Key	LCD brightness up/down, audio volume up/down, touch off/on
Power Supply	External 24VDC with AC/DC medical grade power adapter
Dimensions	573.5 mm (22.57") (W) x 75.9 mm (2.98") (D) x 398.9 mm (15.7") (H)
Packing Dimensions	730 mm (28.74") (W) x 240 mm (9.45") (D) x 650 mm (25.59") (H)
Weight (net/gross)	10.58 kg (23.32 lb)/15.16 kg (33.42 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F)
	Storage temperature: 0°C ~ +40°C (+32°F ~ +104°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
Certificate	CE, FCC class B, EN60601-1, UL60601-1

#### **Ordering Information**

MPC225-873-UL-NP-DRW	22" WXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire reisitive touch screen, super multi drive, AC-DC 150W medical grade power adapter (screw type connector), EMI class B, UL60601-1 and EN60601-1 certified
MPC225-873-UL-NP w/o DRW	22" WXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, AC-DC 150W medial gradepower adapter (screw type connector), EMI class B, UL60601-1 and EN60601-1 certified

<sup>\*</sup> Specification and certifications are based on options and may vary.
\*\*Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.

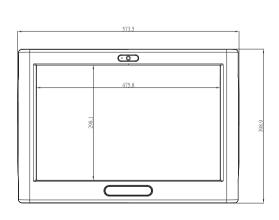
#### **Optional Accessories**

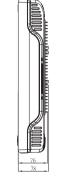
E202003330	VM-101 VESA ARM (clamp type)	
E202003329	VM-105 VESA ARM (wall mount type)	
E228170100	22" stand kit	

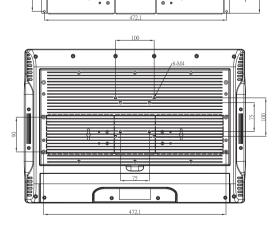
#### **Optional OS Installation**

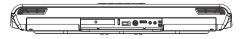
Windows® XP	
Windows® 7	
WES7	
Windows® 8.1	
WE8S	

#### **Dimensions**











Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Solutions

Open Frame Panel

## MPC175-873

17" TFT Fanless Medical Grade Panel Computer with Intel® Core™ i7/i5/i3 & Celeron® Processor





- 1. Brightness Adjust buttons
- 2. Volume adjust buttons
- 3. Power LED
- 4. MIC
- 5. Touch on/off button
- 6. Speaker (R)
- 7. Isolated COM 1 (RS-232/422/485)
- 8. Isolated Ethernet x 2 9. Isolated USB x 2
- 10. USB 3.0 x 2
- 11. Audio (Line-out/Mic-in)
- 12. DisplayPort

#### Features

- 17" (350 nits) SXGA TFT LCD
- Socket rPGA988B 3rd Generation Intel® Core™ i7/i5/i3 (Ivy Bridge) & Celeron® processor
- Intel® QM77 chipset
- Isolated COM, USB and Ethernet ports
- USB 3.0 supported
- Water/dust-proof design (front bezel: IP65, full enclosure:
- Optional 1 x PCI or PCIe x4 expansion slot
- Optional Bluetooth/Wi-Fi (802.11 a/b/g/n)
- Built-in 5 mega pixels camera
- Touch screen on/off key for clean usage
- UL60601-1/EN60601-1, CE & FCC class B certified
- Supports wall mount, VESA arm and desktop stand





▲ Rear view













13. Power connector

14. Power switch 15. PCI or PCIe slot

16. Speaker (L)



#### Introduction

The MPC175-873 is a 17-inch slim TFT fanless medical grade panel computer, which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts IPX1 waterproof design which protects the entire system from outside liquid, preventing system from crashing. Isolated COM/USB/LAN port design provides electric leakage protection in medical environment. Powered by socket rPGA988B 3rd Generation Intel® Core™ i7/i5/i3 processor and PCI expansion slot, the MPC175-873 is definitely the best choice for your medical platform.

This medical panel platform complies with UL60601-1, EN60601-1, CE, FCC Class B certifications to ensure medical operation safety. It is outfitted with 17-inch wide view angle SXGA TFT LCD display. Additionally, the MPC175-873 offers flexible CPU selection with socket type which reduces cost, increases convenience over onboard CPU, and still maintains a fanless operation as well as long product life cycle. For expansion capability, the unit supports optional one PCI or PCIe x4 slot, and two mini card slot for video capture card, data acquisition card, Wi-Fi, mSATA and more. The built-in 5 mega pixels camera, microphone and stereo speakers allow medical professionals to execute remote operation. Bluetooth is an available option for wireless connection with medical peripheral devices. Optional Wi-Fi (802.11 a/b/g/n) allows wireless real-time connection of patient record for assessment. To improve patient treatment accuracy, the optional RFID (radio frequency identification) offers an efficient way to validate patient identification and give proper treatment.

D . I	DI «: ADO	
Front Bezel	Plastic ABS	
LCD Panel	Display Type	17" SXGA TFT
	Brightness (cd/m²)	350 nits
	Resolution	1280 x 1024
	Viewing Angle (H/V)	178°/178°
Main System	CPU	Socket rPGA988B 3rd Generation Intel® Core™ i7/i5/i3 & Celeron® processor, TDP up to 35W
	Chipset	Intel® QM77
	System Memory	2 x 204-pin DDR3 SO-DIMM max. up to 16 GB
	BIOS	AMI UEFI BIOS with OA 3.0 built
	Storage	1 x 2.5" SATA HDD
		1 x mSATA SSD (optional)
	Optical Drive	1 x Super Multi drive (optional)
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Intel® HD Graphic

I/O Connector	1 x RS-232/422/485 (COM 1 w/ isolated 4KV)
	2 x 10/100/1000Mbps Ethernet (isolated 4KV)
	2 x USB 2.0 (isolated 4KV)
	2 x USB 3.0
	1 x Audio (Line-out)
	1 x Audio (Mic-in)
	1 x DisplayPort
Expansion Interface	1 x PCl or 1 x PCle x4 slot (optional)
	2 x PCle Mini Card slot
Speaker	2 x 2W
Camera	1 x 5M pixels camera
Touchscreen	5-wire resistive type
Function Key	LCD brightness up/down, audio volume up/down, touch off/on
Power Supply	External 24VDC with AC/DC medical grade power adapter
Dimensions	438 mm (17.24") (W) x 76.5 mm (3.01") (D) x 376.4 mm (14.81") (H)
Packing Dimensions	610 mm (24.02") (W) x 260 mm (10.24") (D) x 590 mm (23.23") (H)
Weight (net/gross)	8.0 kg (17.63 lb)/ 11.9 kg (26.23 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F)
	Storage temperature: 0°C ~ +40°C (+32°F ~ +104°F)
	Relative humidity: 20% ~ 90% @ 40°C; non-condensing
Certificate	CE, FCC class B, EN60601-1, UL60601-1





#### ▲ Stand kit

#### **Ordering Information**

17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, super multi drive, AC-DC 110W medical grade power adapter (screw
type connector), EMI class B and EN60601-1 certified
17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, AC-DC 110W medical grade power adapter (screw type connector), EMI class B and EN60601-1 certified
17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire resistive touch screen, super multi drive, AC-DC 150W medical grade power adapter (screw type connector), EMI class B, UL60601-1 and EN60601-1 certified
17" SXGA fanless medical touch panel computer with Intel® Core™ processor, 5-wire reisitive touch screen, AC-DC 150W medical grade power adapter (screw type connector), EMI class B, UL60601-1 and EN60601-1 certified

<sup>\*</sup> Specification and certifications are based on options and may vary.
\*\*Super Multi drive includes DVD-R, DVD-RW and DVD-RAM.

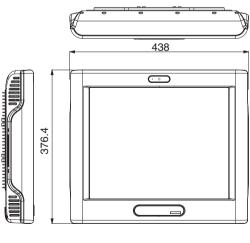
#### **Optional Accessories**

E202003330	VM-101 VESA ARM (clamp type)
E202003329	VM-105 VESA ARM (wall mount type)
E228170100	17" stand kit

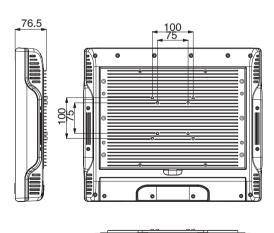
#### **Optional OS Installation**

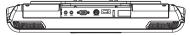
Windows® XP		
Windows® 7		
WES7		
Windows® 8.1		
WE8S		

#### **Dimensions**









OPEN I/O COVER VIEW

Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

6

Solutions

Open Frame Panel Computers

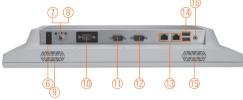
## MPC153-834

15.6" WXGA TFT Medical Grade Fanless Touch Panel Computer with Intel® Celeron® Processor J1900 (up to 2.42 GHz)





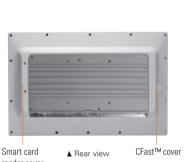




- 1. Power LED
- 2. HDD LED
- 3. Brightness adjust
- 4. Display on/off
- 5. Volume adjust
- 6. Power switch (ATX)
- 7. Power input connector (Screw)
- 8. Power input connector (Phoenix)
- 9 Sneaker
- 10. Isolated COM 3
- 11. COM 1(RS-232/422/485)
- 12. COM 2(RS-232/422/485)

#### Features

- 15.6" WXGA TFT LCD display with LED backlight
- 15.6" projected capacitive touch or 5-wire flat resistive touch
- Fanless design with Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
- EN 60601-1/CE/FCC class B certified
- Supports half-slim SSD & CFast™ or mSATA
- Supports antimicrobial plastic enclosure
- IP65 front bezel & IPX1 full enclosure
- Supports optional VESA arm/desktop stand/wall mount
- Supports optional smart card reader





reader cover













13. Ethernet x 2

14. USB 3.0 x 2

16. Audio (Line-out)

15. Speaker

#### Introduction

The MPC153-834 is a 15.6" Intel® Celeron® based medical grade fanless touch panel computer. In response to market demand, this medical touch panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 15.6" TFT LCD as well as Intel® Celeron® processor J1900 4 cores up to 2.42 GHz (Bay Trail). For wireless network connection, the MPC153-834 offers 2 mini card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/ GPRS/GSM/4G environments. Besides, it provides two types of power input. One is DC power input (9~36VDC) with terminal block connector, and another is AC medical power adapter with screw type connector.

#### Slim & lightweight design

The 15.6-inch medical panel PC is slim and lightweight which makes it fit for limited space installation

#### **Built-in internal WLAN antenna**

The MPC153-834 provides 2 mini card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the medical computer in wireless LAN/GPRS/GPS/4G environment.

#### Support front membrane keys

The MPC153-834 provides 5 membrane keys in front of system, people can adjust the system display, volume and brightness.

#### Certifications

This 15.6-inch fanless medical panel platform complies with EN60601-1, CE, FCC Class B certifications to ensure medical operation safety.

Front Bezel	IP65 front bezel	
LCD Panel	Display Type	15.6" WXGA TFT LCD display with LED backlight
	Brightness (cd/m²)	300 nits
	Resolution	1366 x 768
Main System	CPU	Intel® Celeron® processor J1900 4 cores (up to 2.42 GHz)
	System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM max. up to 8 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x Half-Slim SSD 1 x CFast™ or mSATA
	Watchdog Timer	255 levels, 0 ~ 255 sec.
	Onboard Graphics	Integrated Intel® GFX

•	
I/O Connector	2 x RS-232/422/485 (default RS-232 COM 1/2) 1 x RS-232 (COM3 w/ isloated 4KV) 2 x 10/100/1000Mbps Ethernet (Intel® i210IT) 2 x USB 3.0 1 x Audio (Line-out)
Expansion Interface	1 x Full-size PCI express Mini Card with mSATA supported 1 x Full-size PCI express Mini Card with SIM slot
Touchscreen	Projected capacitive multi-touch or 5-wire flat resistive touch
Power Supply	AC version: medical grade 100-240V AC-DC 60W power adapter     DC version: 9–36VDC with terminal block
Dimensions	394.2 mm (15.53") (W) x 57 mm (2.25") (D) x 257.2 mm (10.13") (H)
Packing Dimensions	510 mm (20.09") x 190 mm (7.48") x 540 mm (21.26")
Weight (net/gross)	3.0 kg (6.61 lb)/4.5 kg (9.92 lb)
Environment	Operating temperature: 0°C ~ +40°C (32°F ~ +104°F, w/RAM thermal kit)  Storage temperature: 0°C ~ +40°C (32°F ~ +104°F)  Relative humidity: 20% ~ 90% @ 40°C; non-condensing  Operation vibration: 2G, 10 ~ 500Hz, random for CFast <sup>TM</sup>
Certificate	CE, FCC class B, EN606011-1
* \A/T. \A/: d- T	a All M/T account of an almost become to be a sected by Accountable

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

#### **Ordering Information**

MPC153-834-PCT-J	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, projected capactive multi-touch screen, AC-DC 60W power adapter (screw type connector), EMI class B and EN60601-1 certified
MPC153-834-FR-J	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, AC-DC 60W power adapter (screw type connector), EMI class B and EN60601-1 certified
MPC153-834-PCT-DC	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, projected capactive multi-touch screen,10~30VDC power input(terminal block connector) and EN60601-1 certified
MPC153-834-FR-DC	15.6" WXGA fanless medical touch panel computer with Intel® Celeron® processor J1900, 5-wire flat resistive touch screen, 10~30VDC power input(terminal block connector) and EN60601-1 certified

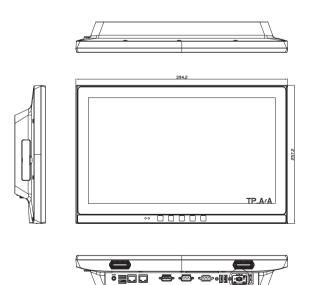
#### **Optional EOS Installation**

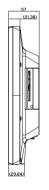
WES7			
WE8S			

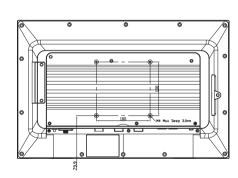
#### **Optional OS Installation**

Windows® 7	
Windows® 8.1	

#### **Dimensions**













Overview

Fanless Touch Panel



Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers



& Medical Solutions

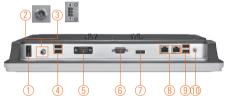
Open Frame Panel Computers

<sup>\*</sup> The DC power source to be used with MPC153-834 must be galvanically isolated according to IEC60601-1 safety of medical devices!

## MPC152-832

15" TFT Medical Grade Panel Computer with Low Power Intel® Atom™ Processor D2550





- 1. Power switch (ATX)
- 2. Screw conn. w/ AC power adapter or
- 3. Terminal block for DC power input
- 4. USB 2.0 x 2
- 5. Isolated COM 3 (RS-232)
- 6. COM 1 (RS-232/422/485)
- 7. DisplayPort
- 8. Ethernet
- 9. USB 2.0 x 2
- 10. Audio (Line-out)
- 11. Touch on/off button

















#### Introduction

The MPC152-832 is a 15" Intel® Atom™-based fanless medical grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts whole system IPX1 and front IP65 waterproof design which protects the entire system from outside liquid, preventing system from crashing. In response to market demand, this medical panel computer is a cost effective solution. It supports Intel® Atom™ processor D2550 1.86 GHz.

#### Super slim & ultra lightweight design

The MPC152-832 is a super slim touch panel computer for space-limited environment with its thickness of 54.6 mm and weight of 3.2 kg only, which make it installed everywhere. Besides, it provides two types of power input. One is medical grade AC medical power adapter with screw type connector, and the other is DC power input (10–30VDC) with terminal block connector (option).

#### **Built-in internal WLAN**

The MPC152-832 provides a PCle Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the 15-inch medical computer in a wireless LAN/GPRS/ GSM/4G environments.

#### Certifications

This medical panel platform complies with UL60601-1, EN60601-1, CE, FCC Class B certifications to ensure medical operation safety.

#### **Features**

- 15" XGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Atom™ processor D2550 2 cores @1.86 GHz
- UL60601-1, EN60601-1, CE and FCC class B certified
- Water /dust-proof design (front bezel: IP65, full enclosure: IPX1)
- One key touch screen on/off button
- Ultra slim design: thickness 54.6 mm
- Super lightweight: 3.2 kg
- Supports optional panel mount, wall mount, VESA mount and desktop stand



Front Bezel	IP65, NEMA 4 rugged protection, plastic front bezel		
LCD Panel	Display Type	15" XGA TFT LCD with LED backlight	
	Brightness (cd/m²)	400 nits	
	Resolution	1024 x 768	
	Viewing Angle (H/V)	160°/140°	
Main System	CPU	Intel® Atom™ processor D2550	
		2 cores @1.86 GHz	
	Chipset	Intel® NM10	
	System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 4 GB	
	BIOS	AMI 8 Mbit with RPL/PXE LAN boot ROM	
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated in Intel® GFX	



I/O Connector	1 x RS-232 (COM 3 w/isolated 4KV) 1 x RS-232/422/485 (COM 1) 1 x DisplayPort 1 x Audio (Line-out) 4 x USB 2.0 2 x 10/100/1000Mbps Ethernet
Expansion Interface	1 x PCle Mini Card slot
Touch screen	Resistive type One key touch screen on/off button
Power Supply	AC version: Medical grade 100-240V AC-DC 60W power adapter     DC version: 10~30VDC with terminal block
Dimensions	387.9 mm (15.27") (W) x 54.6 mm (2.14") (D) x 307.7 mm (12.11") (H)
Packing Dimensions	510 mm (20.08") (W) x 105 mm (4.13") (D) x 385 mm (15.16") (H)
Weight(net/gross)	3.2 kg (7.05 lb)/5.1 kg (11.24 lb)
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Storage Temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20% ~ 90% @ 40; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for CompactFlash™
Certificate	CE, FCC class B, UL60601-1, EN60601-1

<sup>\*</sup> The DC power source to be used with MPC152-832 must be galvanically isolated according to IEC60601-1 safety of medical devices!

#### **Ordering Information**

MPC152-832-J	15" XGA fanless medical touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen, AC-DC 60W medical grade power adapter (screw type connector), EMI class B, UL60601-1 and EN60601-1 certified	
MPC152-832-DC	15" XGA fanless medical touch panel computer with Intel® Atom™ processor D2550, 5-wire resistive touch screen, 10~30VDC power input (terminal block connector), UL606C 1 and EN60601-1 certified	

<sup>\*</sup> Specification and certifications are based on options and may vary.

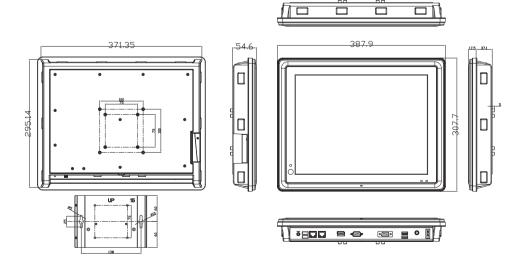
#### **Optional EOS Installation**

WES7	
WES	

#### **Optional OS Installation**

Windows® 7		
Windows® XP		

#### **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel

Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

6

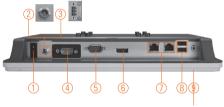
Solutions

Open Frame Panel

## MPC102-832

10.4"TFT Medical Grade Panel Computer with Low Power Intel® Atom™ Processor N2600





- 1. Power switch (ATX)
- 2. Screw conn. w/ AC power adapter or
- 3. Terminal block for DC power input
- 4.Isolated COM 3 (RS-232)
- 5. COM 1 (RS-232/422/485)
- 6. DisplayPort
- 7. Ethernet
- 8. USB 2.0 x 2
- 9. Audio (Line-out)
- 10. Touch on/off button















#### Introduction

The MPC102-832 is a 10.4" Intel® Atom™-based fanless medical grade touch panel computer which is well-suited for applications like medical image processing and medical measuring instrument. Especially designed for the medical environment, it adopts whole system IPX1 and front IP65 waterproof design which protects the entire system from outside liquid, preventing system from crashing. In response to market demand, this medical panel computer is a cost effective solution. It supports Intel® Atom™ processor N2600.1.6 CM2

#### Super slim & ultra lightweight design

The MPC102-832 is a super slim touch panel computer for space-limited environment with its thickness of 45.8 mm and weight of 1.8 kg only, which make it installed everywhere. Besides, it provides two types of power input. One is medical grade AC medical power adapter with screw type connector, and the other is DC power input (10–30VDC) with terminal block connector (option).

#### **Built-in internal WLAN antenna**

The MPC102-832 provides a PCle Mini Card slot and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the MPC102-832 in a wireless LAN/GPRS/ GSM/4G environments.

#### Certifications

This 10.4-inch medical panel platform complies with UL60601-1, EN60601-1, CE, FCC Class B certifications to ensure medical operation safety.

#### **Features**

- 10.4" SVGA TFT LCD display with LED backlight
- Fanless cooling system with Intel® Atom™ processor N2600 1.6 GHz
- UL60601-1, EN60601-1, CE and FCC certified
- Water/dust-proof design (front bezel: IP65, full enclosure: IPX1)
- One key touch screen on/off button
- Ultra slim design: thickness 45.8 mm
- Super lightweight: 1.8 kg
- Supports optional panel mount, wall mount, VESA mount and desktop stand



Front Bezel	IP65, NEMA 4 rugged	IP65, NEMA 4 rugged protection, plastic front bezel		
LCD Panel	Display Type	10.4" SVGA TFT LCD with LED backlight		
	Brightness (cd/m²)	400 nits		
	Resolution	800 x 600		
	Viewing Angle (H/V)	140°/120°		
Main System	CPU	Intel® Atom™ processor N2600 2C @1.6 GHz		
	Chipset	Intel® NM10		
	System Memory	1 x 204-pin DDR3 SO-DIMM max. up to 2 GB		
	BIOS	AMI UEFI BIOS		
	Storage	1 x Half-Slim SATA SSD		
		1 x CompactFlash™		
	Watchdog Timer	255 levels, 0~255 sec.		
	Onboard Graphics	Integrated in Intel® GFX		



I/O Connector	1 x RS-232 (COM 3 w/isolated 4KV) 1 x RS-232/422/485 (COM 1) 1 x DisplayPort 1 x Audio (Line-out) 2 x USB 2.0	
	2 x 10/100/1000Mbps Ethernet	
Expansion Interface	1 x PCle Mini Card slot	
Touch screen	Resistive type	
Power Supply	AC version: Medical grade 100-240V AC-DC 60W power adapter     DC version: 10~30VDC with terminal block	
Dimensions	292.5 mm (11.52") (W) x 45.8 mm (1.80") (D) x 235.8 mm (9.28") (H)	
Packing Dimensions	415 mm (16.34") (W) x 100 mm (3.94") (D) x 315 mm (12.4") (H)	
Weight(net/gross)	1.8 kg (3.96 lb)/3 kg (6.61 lb)	
Environment	Operating temperature: 0°C ~ +40°C (+32°F ~ +104°F) Storage Temperature: 0°C ~ +40°C (+32°F ~ +104°F) Relative humidity: 20%–90% @ 40; non-condensing Operation vibration: 2G, 5 ~ 500Hz, random for CompactFlash™	
Certificate	CE, FCC class B, UL60601-1, EN60601-1	

<sup>\*</sup> The DC power source to be used with MPC102-832 must be galvanically isolated according to IEC60601-1 safety of medical devices!

#### **Ordering Information**

MPC102-832-J	15" XGA fanless medical touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen, AC-DC 60W medical grade power adapter (screw type connector), EMI class B, UL60601-1 and EN60601-1 certified
MPC102-832-DC	15" XGA fanless medical touch panel computer with Intel® Atom™ processor N2600, 5-wire resistive touch screen, 10~30VDC power input (terminal block connector), UL60601-1 and EN60601-1 certified

<sup>\*</sup> Specification and certifications are based on options and may vary.

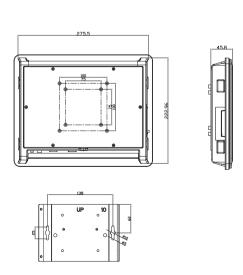
#### **Optional EOS Installation**

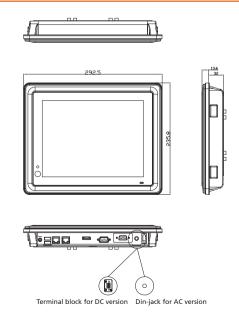
WFS7	
WES	

#### **Optional OS Installation**

Windows® 7	
Windows® XP	

#### **Dimensions**







Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

6

Solutions

Open Frame Panel

Accessories

### MPC103-845

10.1" WXGA TFT Medical Grade Fanless Touch Panel Computer with Intel® Celeron® Processor N3060 (up to 2.48 GHz)



















#### Introduction

The MPC103-845 is a 10.1" Intel® Celeron® based medical grade fanless touch panel computer. In response to market demand, this medical touch panel computer is a cost effective solution. It adopts a modern, sleek and fanless design and is equipped with a 10.1" TFT LCD as well as Intel® Celeron® processor N3060 2 cores up to 2.48 GHz (Braswell). For wireless network connection, the MPC103-845 offers 2 mini card slots. By just plugging in a mini card WLAN card, customers can have instant access to wireless LAN/GPRS/GSM/4G environments. Besides, it provides two types of power input. AC medical power adapter with screw type connector, and another is DC power input with terminal block connector.

#### Slim & lightweight design

The 10.1-inch medical panel PC is slim and lightweight which makes it fit for limited space installation.

#### **Built-in internal WLAN antenna**

The MPC103-845 provides 2 mini card slots and a built-in WLAN antenna for wireless network connections. By simply plugging in the wireless LAN card, customers can use the medical computer in wireless LAN/GPRS/GPS/4G environment.

#### Support front membrane keys

The MPC103-845 provides 5 membrane keys in front of system, people can adjust the system display, volume and brightness.

#### Certifications

This 10.1-inch fanless medical panel platform complies with EN60601-1, CE, FCC Class B certifications to ensure medical operation safety.

#### Features

- 10.1" WXGA wide screen TFT LCD display with LED backlight
- Supports 10.1" projected capacitive multi-touch
- Fanless design with Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)
- EN 60601-1/CE/FCC class B certified
- Supports 2 Gigabit LAN, 2 USB, 2 COM ports and optional
- IP65 front bezel and IPX1 full enclosure design
- Supports optional Panel mount/VESA arm/desktop stand/
- Supports external AT/ATX mode selection switch
- Supports antimicrobial plastic enclosure



Specifications

орооннович			
Front Bezel	IP65, NEMA 4 rugge	IP65, NEMA 4 rugged protection, plastic front bezel	
LCD Panel	Display Type	10.1" WXGA TFT LCD withg LED backlight	
	Brightness (cd/m²)	350 nits	
	Resolution	1280 x 800	
Main System	CPU	Intel® Celeron® processor N3060 2 cores (up to 2.48 GHz)	
	System Memory	1 x 204-pin DDR3L-1600 MHz SO-DIMM max. up to 8 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x mSATA	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated Intel® HD GFX	

#### **Specifications**

1 x RS-232 (w/ isloated 4KV)	
1 x RS-232-422-485 (default RS-232)	
1 x HDMI	
1 x Switch for power on/off	
1 x AT/ATX mode selection switch	
2 x USB 3.0	
1 x Audio (Line-out)	
2 x 10/100/1000Mbps Ethernet (Intel® i211AT)	
1 x Full-size PCI Express Mini Card with mSATA	
supported	
1 x Full-size PCI Express Mini Card with SIM Slot	
Projected Capacitive multi-touch	
1. DC version: 12VDC (default) or	
2. AC version: 100~240V AC-DC w/medical grade power	
adapter	
260.8 mm (10.27") (W) x 38 mm (1.50") (D) x 194.1 mm (7.65") (H)	
TBD	
TBD	
Operating temperature: 0°C ~ +40°C (32°F ~ +104°F,	
w/RAM thermal kit)	
Storage temperature: 0°C ~ +40°C (32°F ~ +104°F)	
Relative humidity: 20% ~ 90% @ 40°C; non-condensing	
Operation vibration:	
2 G, 10 ~ 500Hz, random for mSATA	
CE	

<sup>\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

#### **Ordering Information**

MPC103-845-PCT-J	10.1" TFT WXGA fanless medical grade panel computer with Intel® Celeron® processor N3060, projected capacitive multi-touch screen, medical adapter. (AC power input) and EMI class B
MPC103-845-PCT-DC	10.1" TFT WXGA fanless medical grade panel computer with Intel® Celeron® processor N3060, projected capacitive mult-touch and DC power input with terminal block connector

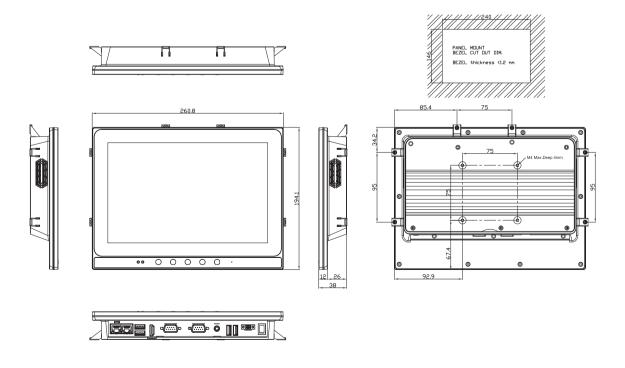
#### **Optional EOS Installation**

WES7 (64-bit)			
WE8S (64-bit)			

#### **Optional OS Installation**

Windows® 7 (64-bit)	
Windows® 8.1 (64-bit)	
Windows® 10	

#### **Dimensions**



Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

Solutions

Open Frame Panel

Accessories



# Touch Panel Computers

#### Touch Panel Computers



## **Open Frame Panel Computers**



Axiomtek's FDK series is designed for immediate integration and can be widely deployed in indoor kiosk, HMI automation, and many more applications. It provides exceptional configuration flexibility which can be easily configured in many ways. The slim ID can fits into any space or encased in any chassis, the FDK series comes with a front panel open frame design, available currently in 17" and 19" LCD sizes. It features Intel® Atom™ and Celeron® processors making it a power-saving and cost-competitive solution.

Introduction Selection Guide		662 663
FDK191-832	19" SXGA TFT Open Frame Panel Computer with Intel® Atom™ Processor D2550	665
FDK172-834	17" SXGA TFT Open Frame Panel Computer with Intel® Celeron® Processor J1900	667

## 0

## **Open Frame Panel Computers**

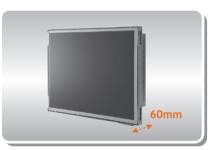
The FDK series is a cost-effective open frame panel computer solution featuring Intel® Atom™ or Celeron® processor onboard and LCD sizes of 17" and 19". In response to demand of using in space-limited application, the FDK series adopts ultra slim design with streamlined mechanical layout ideal for indoor kiosk, HMI automation, and much more. To accommodate a wide array of vertical market applications, the FDK series provides exceptional solution flexibility which can be easily configured in many ways to deliver the best ROI for its customers.

- Flexible front panel open frame design to meet various application requirements
- 17"/19" TFT LCD displays available
- Supports low power Intel® Atom™ processor D2550 1.86 GHz & Celeron® J1900 2.0 GHz
- Optional touchscreen
- VESA/open frame mounting ways

#### **Major Features**



▲ Open frame design for easy installation



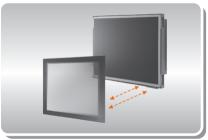
▲ Ultra slim design



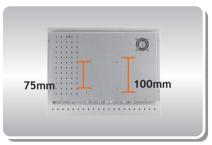
▲ Brightness adjustment knob



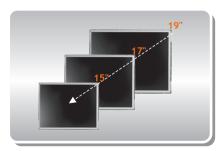
▲ Easy access CF with protective cover



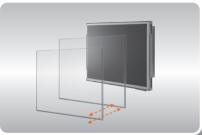
▲ Changeable front bezel



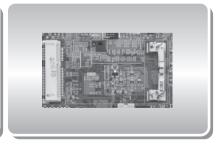
 $\blacktriangle$  VESA/open frame mounting



▲ Various LCD options



▲ Various touchscreen options



▲ Mini card expansion for Wi-Fi & 3G



## Open Frame Panel Computers

Selection Guide





Page 651

Page 653

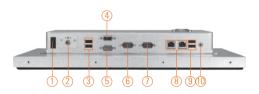
	Page 651	Page 653
Features\Wodels	FDK191-832	FDK172-834
CPU Level	Intel® Atom™ processor D2550 1.86 GHz	Intel® Celeron® processor J1900 2.0 GHz
LCD Panel	19" SXGA TFT LCD 250 nits 1280 x 1024	17" SXGA TFT LCD 250 nits 1280 x 1024 pixels
Chipset	Intel® NM10	SoC integrated
System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 4 GB	1 x 204-pin DDR3L-1333 MHz SO-DIMM up to 8 GB
CPU FSB Frequency	533 MHz	N/A
1/0	1 x RS-232/422/485 (COM 1) 2 x RS-232 (COM 2/3) 4 x USB 2.0 2 x 10/100/1000Mbps 1 x Audio (Line-out) 1 x VGA	4 x RS-232/422/485 (COM 1/2/3/4) 2 x USB 3.0 2 x USB 2.0 1 x 10/100/1000Mbps 1 x Audio (Line-out) 1 x VGA
Storage	1 x 2.5" SATA HDD 1 x CompactFlash™	1 x 2.5" SATA HDD 1 x CFast or mSATA
FDD	N/A	N/A
CD-ROM	N/A	N/A
Expansion	1 x PCle Mini Card	2 x PCIe Mini Card
Touchscreen	5-wire resistive type (optional)	5-wire resistive type (optional)
Operating System	Windows® 7 & Embedded (32-bit)	Windows® 8.1, WE8S, Windows® 7, WES 7
Power Supply	12/24VDC	9~36VDC
Power Comsumption	36W	57.60W
Watchdog Timer	255 levels, 0~255 sec.	255 levels, 0~255 sec.
Dimensions (W x D x H)	404.5 x 63.3 x 332 mm (15.92" x 2.49" x 13.07")	367 x 65 x 304.5 mm (14.45" x 2.6" x 11.99")
Weight (net/gross)	6 kg (13.23 lb)/8.06 kg (17.77 lb)	5.52 kg (12.16 lb)/7.5 kg (16.53 lb)
Operating Temperature	0° ~ +50°C (+32°F ~ +122°F)	0° ~ +50°C (+32°F ~ +122°F)
Certificate	CE	CE



## FDK191-832

19" SXGATFT Open Frame Panel Computer with Intel® Atom™ Processor D2550





- 1. Power Switch (ATX)
- 2. 1 x 12VDC Power input connector or 24V DC phoenix connector
- 3. 2 x USB 2.0
- 4. 1 x VGA
- 5. COM 3 (RS-232)
- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232)
- 8, 2 x ETHERNET (RJ-45)
- 9. 2 x USB 2.0
- 10, 1 x Audio (LINE-OUT)

#### **Features**

- Front panel open frame design
- 19" SXGA TFT LCD display
- Intel® Atom™ processor D2550 1.86 GHz
- Touchscreen (optional)
- Changeable front bezel
- Supports VESA arm and open frame mount



▲ Rear view





#### Introduction

The FDK191-832 is an open frame display panel computer with outstanding flexibility, configurable in a variety of ways to deliver best ROI for a variety of applications. It features Intel® Atom™ processor D2550 1.86 GHz with a 19" LCD display with up to 1280 x 1024 resolution, providing a very cost effective low power solution.

#### Ultra slim design

Designed to integrate into your custom enclosure, this unit offers an open frame slim design architecture for easy fit. The FDK191-832 is ideal for indoor kiosk, HMI automation, signage and other applications. The system is only 65mm deep and provides narrow bezel widths of 13 ~ 15mm for space-saving custom bezels and enclosure applications.

#### Touchscreen option

A resistive touchscreen option is available for interactive user interface requirements. Optionally, when ordered without touchscreen you get an even lower cost solution for dynamic signage or informational applications.

#### Brightness adjustment & PCle Mini Card slot

The hidden but accessible brightness adjustment on back cover protects against end user access. One PCle Mini Card slot is standard for I/O expansion such as Wi-Fi, 3G connection, or other 3rd party I/O cards.

#### **Specifications**

LCD Panel	Display Type	19" SXGA TFT LCD
	Brightness (cd/m²)	250 nits
	Resolution	1280 x 1024
	Viewing Angle(H/V)	170°/160°
Main System	CPU	Intel® Atom™ processor D2550 1.86 GHz with FSB 533 MHz
	Chipset	Intel® NM10 Express
	System Memory	1 x 204-pin DDR3 800/1066 MHz SO-DIMM max. up to 4 GB
	BIOS	AMI UEFI BIOS
	Storage	1 x 2.5" SATA HDD 1 x CompactFlash™
	Watchdog Timer	255 levels, 0~255 sec.
	Onboard Graphics	Integrated GFX

#### **Specifications**

I/O Connector	1 x RS-232/422/485 (default RS-232 (COM 1) 2 x RS-232 (COM 2/3)
	(
	2 x 10/100/1000Mbps Ethernet
	4 x USB 2.0
	1 x Audio (Line-out)
	1 x VGA
	1 x VR (brightness adjustment)
Expansion Interface	1 x PCle Mini Card
Touchscreen	Resistive type (optional)
Power Supply	12/24 VDC
Dimensions	404.5 mm (15.92") (W) x 63.3 mm (2.49") (D)
	x 332 mm (13.07") (H)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D)
	x 540 mm (21.26") (H)
Weight (net/gross)	6kg (13.23lb)/ 8.06 kg (17.77lb)
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F)
	Relative humidity: 10~90%@40°C, non-considering
Certificate	CE

<sup>\*</sup> Specification and certifications are based on options and may vary.

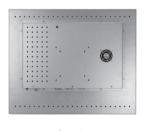
#### **Ordering Information**

FDK191-832-R-DC	19" SXGA open frame panel computer with Intel® Atom™ processor D2550, 5-wire reisitive touch screen, and 12 or 24VDC power input (terminal block connector)
FDK191-832-N-DC	19" SXGA open frame touch panel computer with Intel® Atom™ processor D2550, 5-wire reisitive touch screen, and 12 or 24VDC power input (terminal block connector)
50966A23040E	Power adapter, 70W, 110-230VAC to 24VDC
* C:6:+:	AIGUANUS CONTRACTOR CO

<sup>\*</sup> Specification and certifications are based on options and may vary.

#### **Optional OS Installation**

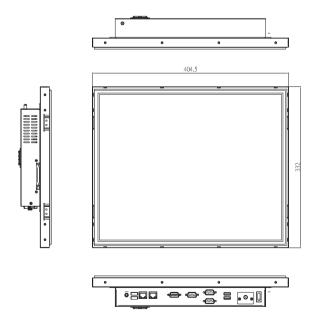
Windows® 7	
WE8S	

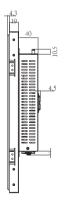


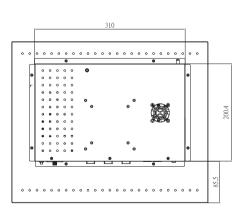




#### **Dimensions**







Overview

Fanless Touch Panel

Computers

Heavy-duty Fanless Touch Panel Computers



Industrial Touch Panel Computers



Industrial Touch panel Monitors



Infotainment Touch Panel Computers

Healthcare & Medical Solutions



Open Frame Panel Computers

Accessories

<sup>\*\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

## FDK172-834

17" SXGATFT Open Frame Panel Computer with Intel® Celeron® Processor J1900





- 1. Power Switch (ATX)
- 2. Terminal block for DC power input or screw conn. w/AC adapter
- 3. 2 x USB 2.0
- 4. COM 3 (RS-232/422/485)
- 5. COM 4 (RS-232/422/485)
- 6. COM 1 (RS-232/422/485)
- 7. COM 2 (RS-232/422/485)
- 8. 1 x VGA
- 9. 1 x Ethernet (RJ-45)
- 10.2 x USB 3.0
- 11.1 x Audio (Line-out)

#### **Features**

- Front panel open frame design
- Outstanding configuration flexibility delivering best ROI
- 17" SXGA TFT LCD display
- Intel® Celeron® processor J1900 2.0 GHz (Bay Trail-D)
- Touchscreen optional
- Changeable front bezel
- Supports VESA arm and open frame mount
- Dual PCle Mini card slots
- Adjust RS-232/422/485 via BIOS



CFast™ slot

▲ Rear view



#### Introduction

The FDK172-834 is an open frame display panel computer with outstanding flexibility, configurable in a variety of ways to deliver best ROI for a variety of applications. It features Intel® Celeron® processor J1900 2.0 GHz with a 17" LCD display with up to 1280 x 1024 resolution, providing a very cost effective low power solution.

#### Slim design

Designed to integrate into your custom enclosure, this 17-inch open frame unit offers an open frame slim design architecture for easy fit. The FDK172-834 is ideal for indoor kiosk, HMI automation, signage and other applications. The system is only 65mm deep and provides narrow bezel widths of 13 ~ 15mm for space-saving custom bezels and enclosure applications.

#### Touchscreen option

A resistive touchscreen option is available for interactive user interface requirements. Optionally, when ordered without touchscreen you get an even lower cost solution for dynamic signage or informational applications.

#### RS-232/422/485 adjustment & PCle Mini Card slot

It is user friendly to adjust RS-232/422/485 setting via BIOS instead of adjusting it via jumper. Dual PCle Mini Card slots are standard for I/O expansion such as Wi-Fi, 3G connection, or other 3rd party I/O cards.

#### **Specifications**

LCD Panel	Display Type	17" SXGA TFT LCD	
	Brightness (cd/m²)	250 nits	
	Resolution	1280 x 1024	
	Viewing Angle (H/V)	170°/160°	
Main System	CPU	Intel® Bay Trail-D Celeron® Processor J1900 4C@2.0GHz	
	Chipset	SoC integrated	
	System Memory	1 x 204-pin DDR3L 1333 and 1600 MT/s SO-DIMM up to 8 GB	
	BIOS	AMI UEFI BIOS	
	Storage	1 x 2.5" SATA HDD 1 x CFast™ or 1 x mSATA	
	Watchdog Timer	255 levels, 0~255 sec.	
	Onboard Graphics	Integrated Intel® GFX	

#### **Specifications**

I/O Connector	4 x RS-232/422/485 (default RS-232 (COM 1/2/3/4) 1 x 10/100/1000Mbps Ethernet 2 x USB 3.0 2 x USB 2.0 1 x Audio (Line-out) 1 x VGA
Expansion Interface	2 x PCIe Mini Card slots
Touchscreen	Resistive type (optional)
Power Supply	1. DC version : 12~36VDC with over-current protection fuse 2. AC version : 100-240V AC-DC 60W power adapter
Dimensions	367 mm (14.45") (W) x 65 mm (2.6") (D) x 304.5 mm (11.99") (H) (FDK172-834-N, without touch) 367 mm (14.45") (W) x 69.8 mm (2.74") (D) x 304.5 mm (11.99") (H) (FDK172-834-R, with touch)
Packing Dimensions	510 mm (20.08") (W) x 190 mm (7.48") (D) x 540 mm (21.26") (H)
Weight (net/gross)	5.52 kg (12.16 lb)/7.5 kg (16.53 lb)
Environment	Operating temperature: 0° ~ +50°C (+32°F ~ +122°F) Relative humidity: 10% ~ 90% @ 40°C, non-condensing
Certificate	CE

<sup>\*</sup> Specification and certifications are based on options and may vary.

#### **Ordering Information**

FDK172-834-R-DC	17" SXGA open frame touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, and 12-36VDC power input (terminal block connector)
FDK172-834-N-DC	17" SXGA open frame touch panel computer with Intel® Celeron® processor J1900, 5-wire resistive touch screen, and 12–36VDC power input (terminal block connector)

<sup>\*</sup> Specification and certifications are based on options and may vary.

#### **Optional OS Installation**

WES7
WE8S
Windows® 8 & Windows® 7







Overview

Fanless Touch Panel Computers

Heavy-duty Fanless Touch Panel Computers

> Industrial Touch Panel Computers

Industrial Touch panel Monitors

Infotainment Touch Panel Computers

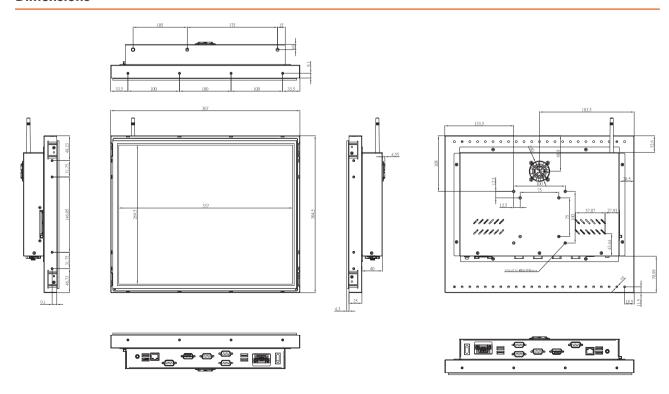
Solutions

Open
Frame Panel
Computers

Accessories

▲ Side view

#### **Dimensions**



<sup>\*\*</sup> W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.



# Touch Panel Computers





### Accessories



670 Accessory List











Part Number	E222175103	E228170100	E225840102	82018400060E
Accessory Description	Dark stand	Light stand	Dark stand	Dark stand
Applied for	OFP215, OFP240, IFO2170, IFO2175, IFO2225	MPC175, MPC225, IFO2175, IFO2225	GOT-5xxxT-832/834 series	GOT-3840TL









Part Number	82011750110E	72615300820E	82211570060E	82211770070E
Accessory Description	Rack mount kit	Rack mount kit	Rack mount kit	Rack mount kit
Applied for	P6178	P6153	P1157S, P1157E	P1177S, P1177E









Part Number	82238400800E	82211270060E	82211570050E	82211570100E
Accessory Description	VESA and wall mount kit	VESA & wall mount kit	VESA & wall mount kit	VESA & wall mount kit
Applied for	GOT-3840TL	P1127E	P1157S	P1157E







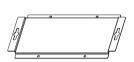






Part Number	82211770060E	82211770120E	82211970070E	82261900070E
<b>Accessory Description</b>	VESA & wall mount kit	VESA & wall mount kit	VESA & wall mount kit	Wall mount & desktop stand
Applied for	P1177S	P1177E	P1197E	P6192









Part Number	82061522100E	82231770050E	E201840102	E201840101
Accessory Description	Wall mount & desktop stand	Wall mount Kit	1-slot PC/104 cover	2-slot PC/104 cover
Applied for	P6122, P6153, P6158, P6173, P6178	G0T3000	GOT-3840TL	GOT-3840TL







Part Number	82011750130E	72211571000E	E983100017
Accessory Description	2 x 2.5" HDD kit	2 x 2.5" HDD kit	VESA (75&100mm) desktop stand (Black)
Applied for	P1177S, P1177E	P1157S, P1157E	GOT, P1000, P6000 Series

Heavy-duty Fanless Touch Panel Computers

Overview





Industrial Touch panel Monitors



Infotainment Touch Panel Computers



Healthcare & Medical Solutions



Open Frame Panel Computers

