

# NA590

1U Rackmount Network Appliance Platform with LGA1151 Socket Intel® Core™/Xeon® E-2200 Processor, Intel® C246/H310 and up to 26 LAN

## Features

- LGA1151 socket 9th/8th Intel® Core™ i7/i5/i3 & Xeon® E-2200 processor (Coffee Lake/Coffee Lake Refresh)
- 4 DDR4-2666 U-DIMM for up to 64GB of memory
- Max. up to 26 LAN ports
- 2 expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports IPMI for optional
- Suitable for network security, cloud computing and data centers applications

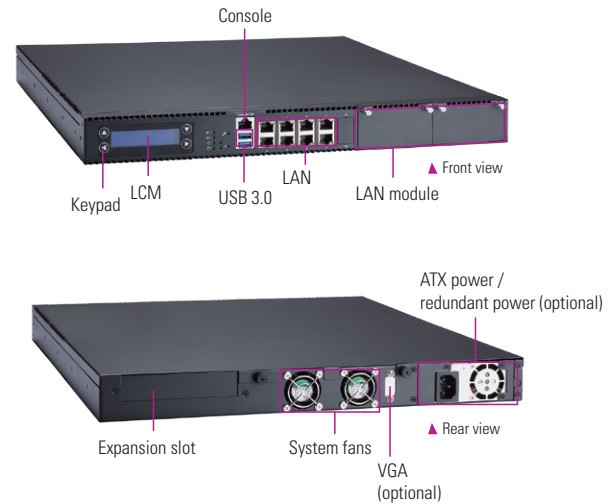


## Specifications

System	
CPU	LGA1151 socket 9th/8th Intel® Core™ i7/i5/i3 & Xeon® E-2200 processor (Coffee Lake/Coffee Lake refresh)
Chipset	C246/H310
Memory	C246: 4 x DDR4-2666 U-DIMM, up to 128GB non-buffer non-ECC/ECC memory H310: 2 x DDR4-2666 U-DIMM, up to 64GB non-buffer non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x Full-size mSATA 1 x M.2 2280 Key B slot (SATA) through AX98621 I/O card (C246 optional) 1 x 3.5" SATA HDD (optional for 400W single power supply)
Network Interface	C246: 8 x GbE RJ45 (Intel® i210) 10 x GbE RJ-45 (by project) 2 x LAN module (optional), max. up to 26 LANs H310: 6 x GbE RJ-45 (Intel® i210) 1 x LAN module (optional), max. up to 14 LANs
I/O	1 x Console (RJ-type) 2 x USB 3.0 8 x RJ-45 1 x VGA (pin header)
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2500, IPMI 2.0 for optional
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Interface	1 x PCIe x8 through AX96708 riser card (C246 optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	300W single power supply 400W 1U redundant power supply (by project)
OS Compatibility	Linux

## Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass
Operating Temperature	0°C to +45°C (+32°F to +113°F) (300W single power supply) 0°C to +40°C (+32°F to +104°F) (400W 1U redundant power supply)
Humidity	10% to 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 450 mm (17.7") (D)
Weight (net/gross)	6 kg (13.2 lb)/10 kg (22 lb)
Certifications	CE/FCC Class A



## Ordering Information

### Standard

NA590-R6GI-H310-US 9th w/o IPMI (P/N: E26E590109)	1U rackmount appliance with LGA1151 socket Intel® Core™ processor, 6 GbE LAN, 2-pair LAN bypass and 1 expandable LAN module (optional)
NA590-R8GI-C246-US 9th w/o IPMI (P/N: E26E590108)	1U rackmount appliance with LGA1151 socket Intel® Core™/Xeon® E-2200 processor, 8 GbE LAN, 2-pair LAN bypass and 2 expandable LAN modules (optional)

### Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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\* Specifications and certifications may vary based on different requirements.

## Packing List

- 1 x SATA cable
- 1 x Power cord

## Dimensions

