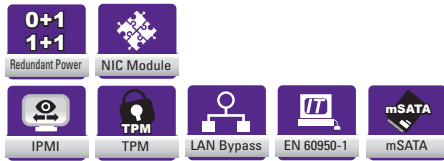


# NA590

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 gen Intel® Core™/Xeon® E-2200 processor (Coffee Lake)
- 4 DDR4-2666 U-DIMM for up to 64GB of memory
- Max. up to twenty-six 10/100/1000 Mbps Ethernet ports
- 2 expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM for optional
- Suitable for network security, cloud computing and data centers applications

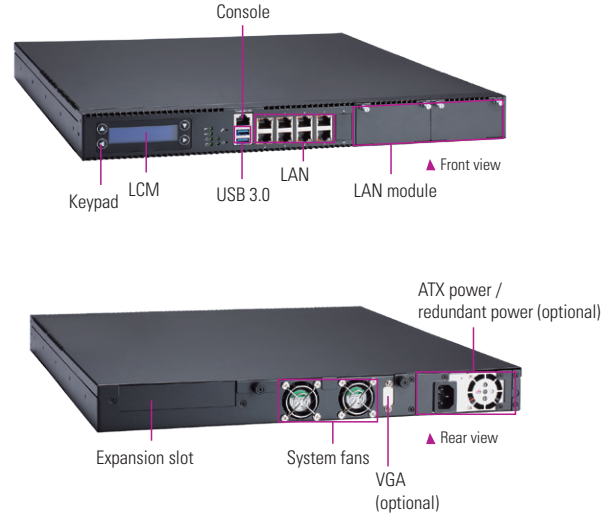


## Specifications

System	
CPU	LGA1151 socket 8th/9th gen Intel® Core™/Xeon® E-2200 processor (Coffee Lake)
Chipset	Intel® C246/H310
Memory	Intel® C246: 4 x DDR4-2666 U-DIMM, up to 128GB non-buffer non-ECC/ECC memory Intel® 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 mSATA 1 x M.2 2280 (C246 only) 1 x 3.5" SATA HDD (optional for 270W ATX power supply only)
Network Interface	C246: 8 x 10/100/1000 Mbps (Intel® i210) 10 x 10/100/1000 Mbps (by project) 2 x LAN module (optional), max. up to 26 LANs H310: 6 x 10/100/1000 Mbps (Intel® i210) 1 x LAN module (optional), max. up to 14 LANs
I/O	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45 1 x VGA (pin header)
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Interface	1 x PCIe x8 (Intel® C246 only) through AX96708 riser card (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	400W ATX power supply 400W 1U redundant power supply (by project)
OS Compatibility	Linux Kernel

## Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, LAN Bypass, Link/Act with transfer rate
Operating Temperature	0°C to +45°C (+32°F to +113°F) (400W ATX 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	FCC class A, CE class A



## Ordering Information

Standard	
NA590-R6GI-H310-US 9th w/o IPMI (P/N: E26E590108)	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: E26E590109)	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

