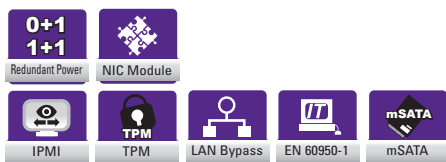


# NA590 NEW

1U Rackmount Network Appliance Platform with LGA1151 Socket  
Intel® Xeon® E3/Core™ Family Processor, Intel® C246/H310 and up to 26 LANs

## Features

- LGA1151 socket 8th Intel® Core™ i family/Xeon® E3 v5 processor (Coffee Lake)
- Four DDR4-2666 U-DIMM, up to 64GB memory
- Max. up to twenty-six 10/100/1000 Mbps Ethernet ports
- Two expandable LAN modules supporting 1GbE/10GbE/25GbE/40GbE/Fiber/Copper/Bypass for optional
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM for optional
- Suitable for network security, cloud computing and data centers applications

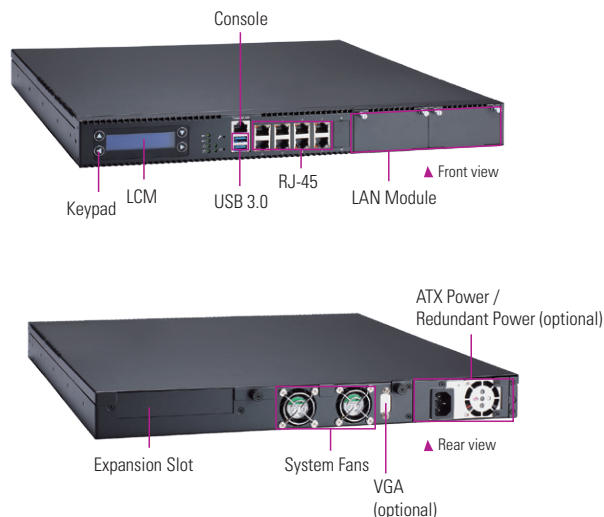


## Specifications

System	
CPU	LGA1151 socket 8th gen Intel® Core™ i family /Xeon® E3 v5 processor (Coffee Lake)
Chipset	Intel® C246/H310
Memory	Intel® C246: 4 x DDR4-2666 U-DIMM, up to 64GB non-buffer non-ECC/ECC memory Intel® H310: 2 x DDR4-2666 U-DIMM, up to 32GB non-buffer non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x mSATA 1 x 3.5" SATA HDD (optional for 270 W ATX power supply only)
Network Interface	C246: 8 x 10/100/1000 Mbps (Intel® i210) 10 x 10/100/1000 Mbps (by project) Expandable up to 26 LAN ports via 2 expandable LAN modules H310: 6 x 10/100/1000 Mbps (Intel® i210) Expandable up to 14 LAN ports via 1 expandable LAN module
I/O Interface	1 x RS-232 (RJ-type) 2 x USB 3.0 8 x RJ-45
Other Features	LAN Bypass function through latch relay (two pairs)
Expansion Slot	1 x PCIe x8 (Intel® C246 only) through AX96708 (83967081010E) riser card
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	270W ATX power supply 300W 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 ~ +45°C (+32°F ~ +113°F) (270 W ATX power supply) 0°C ~ +40°C (+32°F ~ +104°F) (300W 1U redundant power supply)
Humidity	10% ~ 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	8.5 kg (18.74 lb)/9.8 kg (21.61 lb)
Certificates	FCC class A, CE class A



## Ordering Information

Standard	
NA590-R8GI-C246 (P/N: E26E590100)	1U rackmount appliance with LGA1151 socket Intel® Core™ i family /Xeon® E3 v5 processor (Coffee Lake), 8 GbE LANs, 2 pairs LAN bypass and 2 expandable LAN modules (optional)
NA590-R6GI-H310 (P/N: E26E590101)	1U rackmount appliance with LGA1151 socket Intel® Core™ family processor, 6 GbE LANs, 2 pairs LAN bypass and 1 expandable LAN module (optional)

## Optional

5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
--------------	---

\* Specifications and certifications may vary contingent on options.

## Packing List

1 x SATA cable
1 x Power cord

## Dimensions

