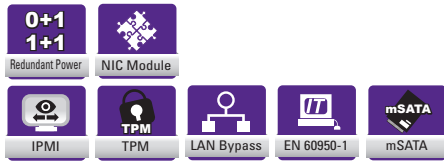


# NA590 NEW

1U Rackmount Network Appliance Platform with LGA1151 Socket  
Intel® Core™/Xeon® E-2100 Series Processor, Intel® C246/H310 and up to 26 LANs

## Features

- LGA1151 socket 8th Intel® Core™/Xeon® E-2100 series processor (Coffee Lake)
- Four DDR4-2666 U-DIMM for up to 64GB of memory
- Max. up to twenty-six 10/100/1000 Mbps Ethernet ports
- Two 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

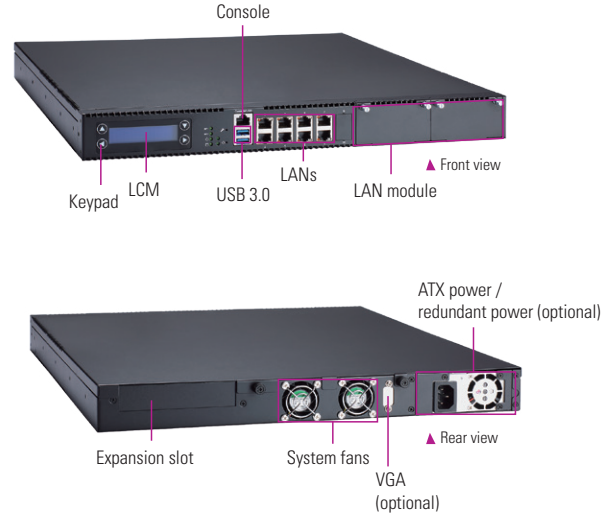


## Specifications

| System              |  |
|---------------------|--|
| CPU                 | LGA1151 socket 8th gen Intel® Core™/Xeon® E-21XX 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<br>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<br>1 x mSATA<br>1 x 3.5" SATA HDD (optional for 270W ATX power supply only)  |
| Network Interface   | C246: 8 x 10/100/1000 Mbps (Intel® i210)<br>10 x 10/100/1000 Mbps (by project)<br>2 x LAN module (optional), max. up to 26 LANs<br>H310: 6 x 10/100/1000 Mbps (Intel® i210)<br>1 x LAN module (optional), max. up to 14 LANs |
| I/O                 | 1 x RS-232 (RJ-type)<br>2 x USB 3.0<br>8 x RJ-45   |
| Other Features      | LAN Bypass function through latch relay (two pairs)  |
| Expansion Interface | 1 x PCIe x8 (Intel® C246 only) through AX96708 (83967081010E) riser card (optional)  |
| Watchdog Timer      | 255 stepping for system reset<br>8 stepping for LAN Bypass   |
| Power Supply        | 270W ATX power supply<br>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 to +45°C (+32°F to +113°F)<br>(270W ATX power supply)<br>0°C to +40°C (+32°F to +104°F)<br>(300W 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-R8GI-C246 (P/N: E26E590100) | 1U rackmount appliance with LGA1151 socket Intel® Core™/Xeon® E-2100 processor (Coffee Lake), 8 GbE LANs, 2-pair LAN bypass and 2 expandable LAN modules (optional) |
| NA590-R6GI-H310 (P/N: E26E590101) | 1U rackmount appliance with LGA1151 socket Intel® Core™ processor, 6 GbE LANs, 2-pair LAN bypass and 1 expandable LAN module (optional)                             |

### Optional

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

\* Specifications and certifications may vary based on different requirements.

## Packing List

- 1 x SATA cable
- 1 x Power cord

## Dimensions

