

NA591

1U Rackmount Network Appliance Platform with LGA1151 Socket Intel® Xeon® E-2200/Core™ Processor, Intel® C246 and up to 34 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, up to 128GB memory
- Max. up to 34 GbE LAN ports
- 4 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

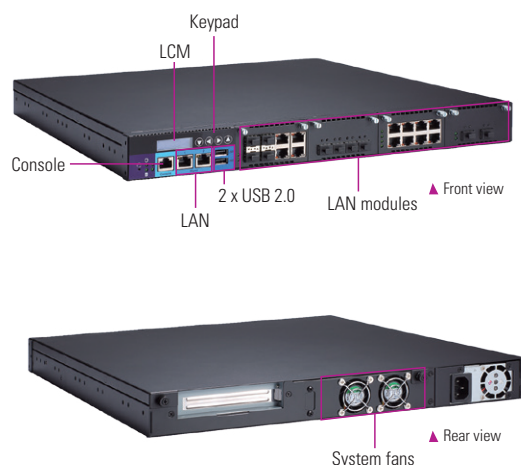


Specifications

System	
CPU	LGA1151 socket 9th/8th Intel® Core™ i7/i5/i3 & Xeon® E-2200 processor (Coffee Lake/Coffee Lake refresh)
Chipset	Intel® C246
Memory	4 x DDR4-2666 U-DIMM, up to 128GB non-buffer non-ECC/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 M slot (SATA) 1 x 3.5" SATA HDD (optional for 400W ATX power supply only)
Network Interface	2 x GbE RJ-45 (Intel® i210) 4 x LAN module (optional), max. up to 34 LAN ports
I/O	1 x Console (RJ-type) 2 x USB 2.0 2 x RJ-45 1 x VGA
TPM	Onboard TPM 2.0
IPMI	Onboard BMC AST2500, IPMI 2.0 for optional
Other Features	LAN Bypass function through latch relay (depends on LAN modules)
Expansion Interface	1 x PCIe x4 (optional)
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
Power Supply	400W single power supply 400W 1U redundant power supply (optional)
OS Compatibility	Linux

Mechanical/ Environmental

Form Factor	1U rackmount
LED	Power, HDD, GPIO programmable, Link/Act with transfer rate
Operating Temperature	0°C to +45°C (+32°F to +113°F)
Humidity	10% - 95% RH, non-condensing
Chassis Material	Steel
Dimensions	44 mm (1.73") (H) x 430 mm (16.93") (W) x 500 mm (19.69") (D)
Weight (net/gross)	8.32 kg (18.34 lb)/12.76 kg (28.13 lb)
Certifications	CE/FCC Class A



Ordering Information

Standard	
NA591-R2GI-C246-US w/ IPMI	1U rackmount appliance with LGA1151 socket Intel® Core™/Xeon® E-2200 processor, 2 GbE LAN, and 4 expandable LAN modules(optional), w/IPMI
NA591-R2GI-C246-US w/o IPMI	1U rackmount appliance with LGA1151 socket Intel® Core™/Xeon® E-2200 processor, 2 GbE LAN, and 4 expandable LAN modules (optional), w/o IPMI

Optional

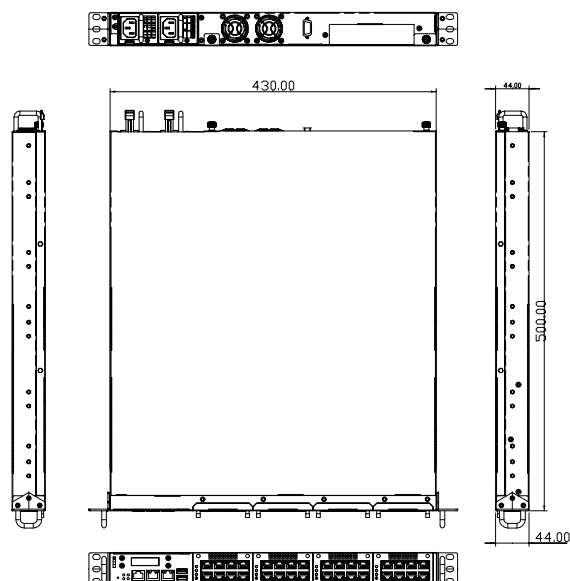
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary based on different requirements.

Packing List

- 1 x SATA cable
- 1 x Power cord

Dimensions



Mouser Electronics

Authorized Distributor

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[NA591-R2GI-C246-US w/IPMI S-PSU](#) [NA591-R2GI-C246-US w/o IPMI S-PSU](#)