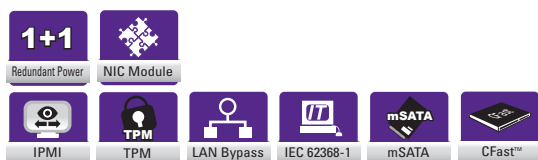


NA580

1U Rackmount Network Appliance Platform with LGA1151 Socket
Intel® Xeon® E3/Core™ Processor and 8 LAN

Features

- LGA1151 socket 6th/7th gen Intel® Core™/Xeon® E3 processor (Skylake/Kaby Lake)
- 4 DDR4-2400 U-DIMM for up to 64GB of memory
- Max. up to eighteen 10/100/1000 Mbps Ethernet ports
- Expandable LAN module supporting 1GbE/10GbE/Fiber/Copper/Bypass
- Supports 1U redundant power supply for optional
- Supports IPMI/TPM module for optional
- Suitable for network security, cloud computing and data centers applications

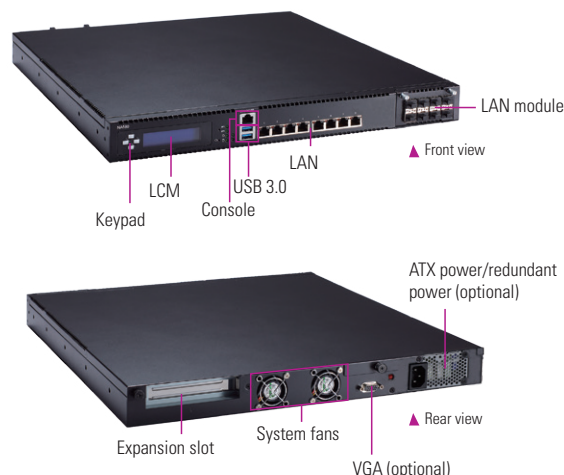


Specifications

System	
CPU	LGA1151 socket Intel® Xeon® E3/Core™ processor (Skylake/Kaby Lake)
Chipset	C236/H110
Memory	C236: 4 x DDR4-2400 U-DIMM, up to 64GB non-buffer non-ECC/ECC memory H110: 2 x DDR4-2400 U-DIMM, up to 32GB non-buffer non-ECC memory
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD 1 x CFast™ 1 x Full-size mSATA 1 x 3.5" SATA HDD (optional for 300W single power supply only)
Network Interface	C236: 8 x GbE RJ-45 (Intel® i210) 10 x GbE RJ-45 (optional) 8 x GbE RJ-45 + 2 x GbE SFP (optional) H110: 6 x GbE RJ-45 (Intel® i210) 1 x LAN module (optional), max. up to 18 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 (Intel® C236 only) through AX96708 riser card (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
Note : Kaby Lake doesn't support Cent OS 6.6/6.7/6.8	

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) (300 W ATX power supply) 0°C to +40°C (+32°F to +104°F) (400 W 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 451 mm (17.8") (D)
Weight (net/gross)	6 kg (13.2 lb)/10 kg (22 lb)
Certifications	CE/FCC Class A



Ordering Information

Standard	
NA580-R8GI-C236 (P/N: E26E580100)	1U rackmount appliance with LGA1151 socket Intel® Xeon® E3/Core™ processor, 8 GbE LAN, 2-pair LAN bypass and 1 expandable LAN module (optional)
NA580-R6GI-H110 (P/N: E26E580101)	1U rackmount appliance with LGA1151 socket Intel® Core™ processor, 6 GbE LAN, 2-pair LAN bypass and 1 expandable LAN module (optional)
NA580-R8GI-C236-US (P/N: E26E580114)	1U rackmount appliance with LGA1151 socket Intel® Xeon® E3/Core™ processor, 8 GbE LAN, 1 IPMI port, 2-pair LAN bypass and 1 expandable LAN module (optional)

Optional

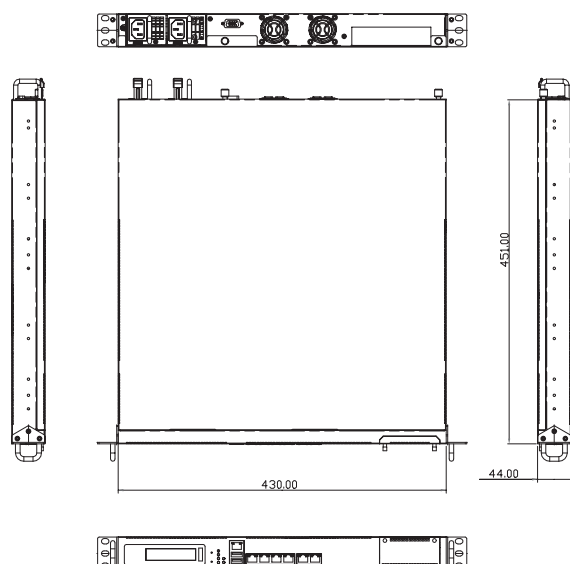
5916E552000E	DB9F-RJ-45 1.8M console cable for Cisco
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* Specifications and certifications may vary based on different requirements.

Packing List

1 x SATA cable
1 x Power cord

Dimensions



Mouser Electronics

Authorized Distributor

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[Axiomtek:](#)

[NA580-R6GI-H110-US](#) [NA580-R6GI-H110-US w/280W redn PSU\(PH\)](#) [NA580-R8GI-C236-US](#) [NA580-R8GI-C236-US](#)
[with 280W redn PSU](#) [NA580-R8GI-C236-US with IPMI](#)