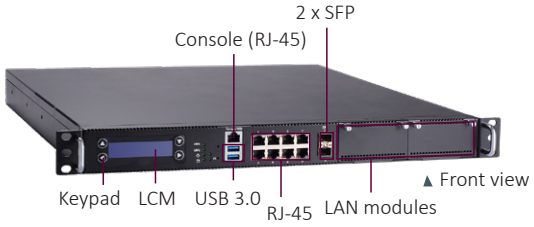
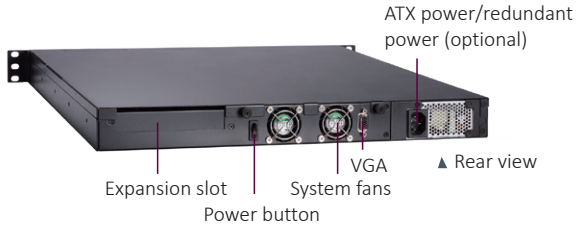
NA592

1U 19" Rackmount Network Appliance with Intel® Xeon® W-1200 or 10th Gen Intel® Core™ Processor (Comet Lake) and up to 26 LAN







Features

- Intel® Xeon® W-1200 or 10th Gen Intel® Core™ i9/i7/i5/i3 processor
- Intel® W480E chipset
- 4 DDR4 2933 ECC (by CPU) or non-ECC UDIMM, up to 128GB
- 8 GbE RJ-45, 2 SFP (Intel® I350), and 2 NIC modules
- 2 pairs of LAN bypass
- 2 USB 3.0 and 2 2.5" HDD/SSD bays
- 1 PCIe x8 FH/HL (optional), 3 M.2 Key B/E/M, 1 PCI Express Mini Card slot
- 2 smart fans

Specifications

System

CPU	Intel® Xeon® W-1200 or 10th Gen Intel® Core™ i9/i7/i5/i3 processor (Comet Lake)
Chipset	Intel® W480E
Memory	4 x DDR4 2933MHz ECC (by CPU) or non-ECC UDIMM, up to 128GB
BIOS	AMI SPI Flash BIOS
Storage	2 x 2.5" SATA HDD/SSD bays 1 x M.2 Key B 2242 slot (SATA)
Network Interface	8 x GbE RJ-45 and 2 x SFP (Intel® I350) 2-pair LAN bypass 2 x NIC module through AX98621 I/O board (optional)
I/O	1 x Console (RJ-45) 2 x USB 3.0 1 x LCM with 4 keypads 1 x VGA (optional)
TPM	Onboard TPM 2.0
IPMI	BMC AST2500, IPMI 2.0 (optional)

Specifications

Expansion Interface	1 x PCIe x8 through AX96708 riser card (optional) 1 x M.2 Key E 2230 (PCIe x1) 1 x M.2 Key M 2242/2280 (PCIe x4) through AX98621 I/O board (optional) 1 x PCIe Mini Card slot (PCIe x1 by default, SATA via BOM option) 1 x Nano SIM socket
Watchdog Timer	255 stepping for system reset 8 stepping for LAN Bypass
LCM Module	Yes
Power Supply	300W single power supply 400W 1U redundant power supply
OS Support	Linux
Mechanical/ Environmental	
Form Factor	1U 19'' rackmount
LED	Power, HDD, GPIO programmable, LAN bypass, and Link/Act with transfer rate
Operating Temperature	0°C to +40°C (+32°F to +104°F)
Storage Temperature	-20°C to +70°C (-4°F to +158°F)
Relative Humidity	10% to 90% relative humidity, non-condensing
Chassis Material	SECC
Dimensions (H x W x D)	44 x 430 x 450 mm (1.73" x 16.93" x 17.7")
Package Dimensions (H x W x D)	224 x 562 x 629 mm (8.82" x 22.13" x 24.76")
Weight (net/gross)	6 kg (13.23 lbs)/9.5 kg (20.94 lbs) (single power) 7.3 kg (16.09 lbs)/10.8 kg (23.81 lbs) (redundant power)
Certifications	CE/FCC Class A

Ordering Information

Standard (P/N)	CPU	PCH	Memory Slot	Ethernet Port	LAN Bypass	IPMI	TPM	NIC Slot	Expansion	Power
NA592-480E-A (P/N: E26E592100)	Intel® Xeon® W-1200 or 10th Gen Intel® Core™	W480E	4	8RJ+2SFP	2 pairs	Optional, by project	2.0	Optional	1 x PCIe x8 (optional, only supports 1 NIC slot)	AC single 300W
NA592-480E-B (P/N: E26E592101)	Intel® Xeon® W-1200 or 10th Gen Intel® Core™	W480E	4	8RJ+2SFP	2 pairs	Optional, by project	2.0	Optional	1 x PCIe x8 (optional, only supports 1 NIC slot)	AC redundant 400W

Optional Accessories

83986211050E	AX98621, I/O board for 2 NIC slots and M.2 SFP
83967081000E	AX96708, riser card for PCIe x8 (rear)
83986211060E	AX98621, I/O board for 1 NIC slot, M.2, and 1 PCIe x8 slot
5916E552000E	DB9F-RJ-45, 1.8 m console cable for Cisco
590000053200	D-SUB 15P F to IDC 16P cable, 400 mm, pitch = 2.0 mm, internal
59906000010E	Power cord YP-12/YC-12 (Japan)
59903000000E	Power cord YP-22/YC-12 (Europe)
59905000000E	Power cord YP-35/YC-12 (Australia)
59904010000E	Power cord/UK YP-61A/YC-12, L = 1830 mm

Optional NIC Modules

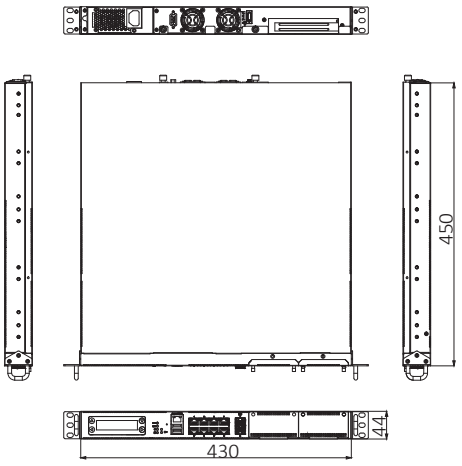
E393316109	AX93316-8GI-I350 with LAN tray
E393322102	AX93322-8FI-350 with LAN tray
E393322103	AX93322-8MIL-350 with LAN tray
E393336102	AX93336-4GIL-I350 2 LBP with LAN tray
E393336103	AX93336-4FI-I350 with LAN tray
E393307100	AX93307-2FI 10G 82599ES with LAN tray
E393327101	AX93327-4FI 10G XL710 with LAN tray
E393331100	AX93331-2QFI dual-port 40GbE with LAN tray

If you need more NIC modules information, please contact our sales representative.

Dimensions

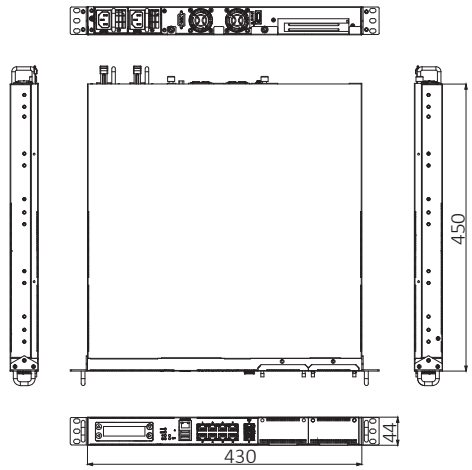
NA592-A

unit: mm

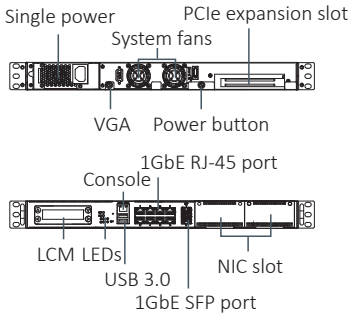


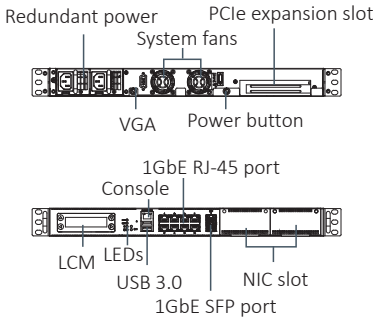
NA592-B

unit: mm



I/O Mechanical Layout /Drawing





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