

NCA-4112

1U 19" Rackmount Network Appliance Built with AMD EPYC 3000 Series 4~8 Cores CPU



Images are for reference only. See ordering information for SKU details.

■ Features

- AMD EPYC™ 3000 Series 4~8 Cores Processor
- 8x GbE RJ45 Intel® i350-AM4, 2x 10G SFP+ (By SKU)
- 4x 288-pin DDR4 2666 MHz ECC/U/R DIMM, Max. 128GB
- 1x RJ45 Console, 2x USB 3.0, 1x NIC Module Slot, 2x 2.5" Internal HDD/SSD Bays, 1x M.2 2242, 1x Mini PCIe
- 1x LCM, 4x Keypads

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	AMD EPYC 3000 Series 4~8 Cores
CPU Socket	SP4r2
Chipset	SoC
Security Acceleration	10Gbps Encryption + 10Gbps Decryption
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2666 MHz ECC/U/R DIMM
Max. Capacity	128GB
Socket	4 x 288-pin DIMM
Networking	
Ethernet Ports	8 x GbE RJ45 Intel® i350-AM4 2 x 10G SFP+ (By SKU)
Bypass	3 x Pairs of Gen3
NIC Module Slot	1 (for 1 x PCIe*8 or 2 x PCIe*4)
LOM	
IO Interface	1 x RJ45 *Share with ETH0
OPMA Slot	Yes
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1 x ATX Power Switch
Console	1 x RJ45
USB	2 x USB 3.0
LCD Module	1 x LCM, 4 x Keypads
Display	From OPMA Slot for VGA (Optional)
Power Input	AC Power Inlet on PSU
Storage	

HDD/SSD Support	2 x 2.5" Bays
Onboard Slots	1 x M.2 2242, 1 x Mini-PCIe
Expansion	
LTE	1 x LTE Slot (Optional)
Mini-PCIe	1 x Mini-PCIe (for Wifi)
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	TPM 1.2/2.0
Cooling	
Processor	Passive CPU Heatsink
System	2 x Cooling Fans w/ Smart Fan
Environmental Parameters	
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 mm x 431 mm x 44 mm
Package Dimensions	
(WxDxH)	582 mm x 548 mm x 182 mm
Power	
Type / Watts	Redundant 300W Power Adapter
Input	100~240V _{AC} @50~60Hz, 5~3A
Certification	
Approvals and Compliance	RoHS, CE/FCC, UL

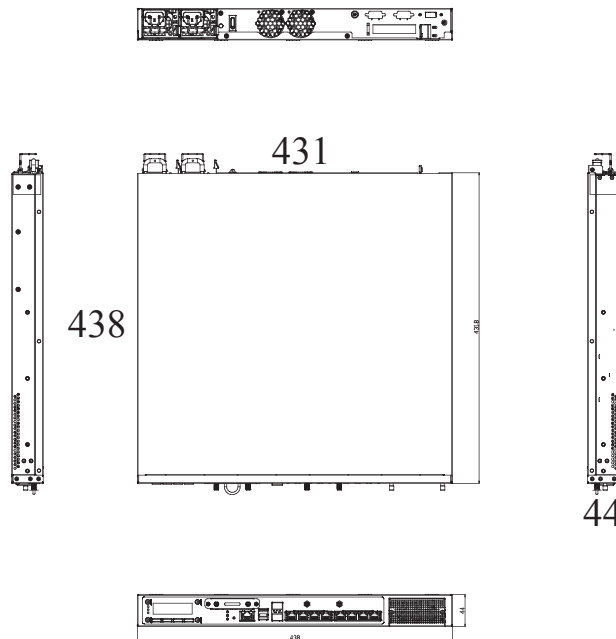
Product I/O View

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- | | | |
|------------------------|-------------------------------|------------------------|
| A LCM & Keypads | E 2x 10G SFP+ | I Fans |
| B LTE Kit | F 8x GbE RJ45 | J Power On/Off |
| C RJ45 Console | G NIC Module Slot | K Redundant PSU |
| D USB 3.0 | H 2x PCIe*4 (Optional) | |

Dimensions (WxDxH): 438 x 431 x 44 mm



Ordering Information

NCA-4112A	AMD EPYC 3251 8-core, 8x GbE RJ45 w/ 3 Pairs of Bypass, 2 x 10G SFP+, Redundant (300W) PSU
NCA-4112B	AMD EPYC 3251 8-core, 8x GbE RJ45 w/ 3 Pairs of Bypass, Redundant (300W) PSU
NCA-4112C	AMD EPYC 3151 4-core, 8x GbE RJ45 w/ 3 Pairs of Bypass, 2 x 10G SFP+, Redundant (300W) PSU
NCA-4112D	AMD EPYC 3151 4-core, 8x GbE RJ45 w/ 3 Pairs of Bypass, Redundant (300W) PSU

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