

NCA-5110

1U 19" Rackmount Network Appliance With AMD Ryzen™ Embedded 7000 Series Processor



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

■ Features

- AMD Ryzen™ Embedded 7000 Series Processor
- 4x 288-pin DIMM, Max. 256GB DDR5 5600/5200/3600MT/s ECC Or Non-ECC UDIMM
- 2x 2.5GbE RJ45 Ports, 8x GbE RJ45 Ports With 4x Pairs Of Bypass Gen3 SE (SKU A/B/D), 4x 10G SFP+ Ports, 2x NIC Module Slots
- 1x RJ45 Console, 2x USB 3.0, 1x M.2 2280 (SATA), 1x M.2 2280 (NVMe)
- IPMI Support (SKU D)

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	AMD Ryzen™ Embedded 7000 Series
CPU Socket	AM5
Chipset	AMD B650
Security Acceleration	B650
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	1DPC: DDR5 5200 MT/s (Ryzen7000) / 5600 MT/s (Ryzen 9000) ECC Or NonECC UDIMM 2DPC: DDR5 3600 MT/s (Ryzen7000 / 9000) ECC Or Non-ECC UDIMM
Max. Capacity	256GB
Socket	4x 288-pin DIMM
Networking	
Ethernet Ports	2x 2.5GbE RJ45 Via 2x Intel® i226-V 8x GbE RJ45 Via 2x I350-AM4 4x 10G SFP+ Via 1x XL710-BM1
Bypass	SKU A/B/D: 4 Pairs Of Bypass Gen3 SE SKU C: N/A
NIC Module Slot	2
LOM	
IO Interface	SKU A/B/C: N/A SKU D: 1x RJ45 NCSI
OPMA Slot	SKU A/B/C: N/A SKU D: 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	N/A
Display	N/A (SKU D: Optional Support By BMC)

Power Input	AC Power Inlet On PSU
Storage	
HDD/SSD Support	2x 2.5" Internal (Optional)
Onboard Slots	1x M.2 2280 (SATA), 1x M.2 2280 (NVMe)
Expansion	
PCIe	Optional (1x PCIe*16 Gen4 Single-Deck FH3/4L (10.5") PCIe Card At Rear)
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	TPM 2.0 (Optional)
Cooling	
Processor	Passive CPU Heatsink
System	4 x Smart Fans
Environmental Parameters	
Temperature	0~40°C Operating -40~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 580 x 44 mm
Weight	-
Package Dimensions	
(WxDxH)	-
Weight	-
Power	
Type / Watts	450W 1+1 ATX AC Redundant PSUs (DC As Optional)
Input	AC Redundant 450W 100~120 / 200~240V@50-60Hz, 6A (Each) DC Redundant 450W (Optional) 48-60V 12A (Each)
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL, UKCA

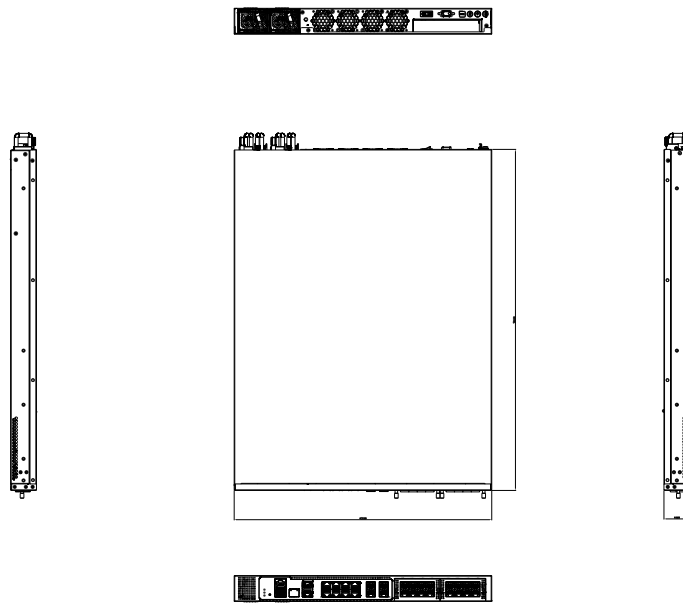
Product I/O View

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|---|----------------------------|--------------------------|
| A 1x Console & 2x USB 3.0 Ports | D 4x 10G SFP+ | G Power On/Off |
| B 1x GbE RJ45 MGMT (SKU A/B) 1x GbE/
1x LOM (SKU D) | E NIC Module Slots | H 4x Cooling Fans |
| C 2x 2.5GbE RJ45 Ports | F 8x GbE RJ45 Ports | I Redundant PSUs |

Dimensions (WxDxH): 438 x 580 x 44 mm



Ordering Information

NCA-5110A	AMD Ryzen 7000 Series (EPIC 4000) Or Ryzen 9000 Series (EPIC 4005), 1x GbE RJ45 MGMT, 2x 2.5GbE, 8x GbE RJ45 w/ Bypass, 4x10G SFP+, 2x NCS2 Slots, TPM2.0 (Optional), 1x M.2 2280 SATA Slot, 1x M.2 2280 NVMe Slot, Redundant PSU
NCA-5110B	AMD Ryzen 7000 Series (EPIC 4000) Or Ryzen 9000 Series (EPIC 4005), 1x GbE RJ45 MGMT, 2x 2.5GbE, 8x GbE RJ45 w/ Bypass, 4x 10G SFP+, 2x NCS2 Slots, TPM2.0 (Optional), 1x M.2 2280 SATA Slot, 1x M.2 2280 NVMe Slot, Redundant PSU
NCA-5110C	AMD Ryzen 7000 Series (EPIC 4000) Or Ryzen 9000 Series (EPIC 4005), 2x 2.5GbE, 8x GbE RJ45, 4x10G SFP+, 2x NCS2 Slots, 1x M.2 2280 SATA Slot, 1x M.2 2280 NVMe Slot, Redundant PSU
NCA-5110D	AMD Ryzen 7000 Series (EPIC 4000) Or Ryzen 9000 Series (EPIC 4005), 1x GbE RJ45 NCSI LOM Port, 2x 2.5GbE, 8x GbE RJ45 w/ Bypass, 4x 10G SFP+, 2x NCS2 Slots, TPM2.0 (Optional), 1x M.2 2280 SATA Slot, 1x M.2 2280 NVMe Slot, Redundant PSU

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