

NCA-2512

1U 19" Rackmount Network Appliance with
Intel® Atom™ C3000 8~16 Cores Processors
(Codenamed Denverton)



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

■ Features

- Intel® Atom™ C3000 CPU (8 ~16 Cores)
- 1x GbE RJ45 Intel® i210, 4x GbE RJ45 Intel® i350-AM4, 4x SFP+ Intel® Denverton Integrated (By SKU), 2x Pairs of Gen3 Bypass
- 2x 2.5" HDD/SSD Bays, 1x mSATA, 1x NIC Slot, 2x USB 2.0
- 4x 288-pin DDR4 2400MHz ECC or Non-ECC UDIMM, Max. 128GB or 64GB
- 1x PCI-E*8 HH/HL (Optional), 2x Cooling Fans w/ Smart Fan
- Intel® QuickAssist Technology
- 300W Redundant PSUs

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Atom™ C3000 8 ~16 Cores (Denverton)
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2400MHz ECC or non-ECC UDIMM
Max. Capacity	128GB or 64GB
Socket	4x 288-pin DIMM
Networking	
Ethernet Ports	1 x GbE RJ45 Intel® i210 4 x GbE RJ45 Intel® i350-AM4 4 SFP+ Intel® Denverton Integrated (By SKU)
Bypass	2 Pairs Gen3
NIC Module Slot	1
LOM	
IO Interface	1 x RJ45 (By SKU)
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 2.0
LCD Module	2 x 20 Character LCM, 4 x Keypads
Display	From OPMA Slot (Optional)
Power Input	AC Power Inlet on PSU

Storage	
HDD/SSD Support	2 x 2.5" Bay
Onboard Slots	1 x mSATA
Expansion	
PCIe	1 x PCI-E*8 HH/HL (Optional)
mini-PCIe	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes (Optional)
Cooling	
Processor	Passive CPU Heatsink
System	2 x Cooling Fans with 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 x 432 x 44 mm
Weight	kg
Package Dimensions	
(WxDxH)	x x mm
Weight	kg
Power	
Type / Watts	300W Redundant PSU
Input	AC 100~240V @50~60Hz
Certification	
Approvals and Compliance	RoHS

Product I/O View

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A LCM w/ Keypads

B Console Port

C USB Ports

D IPMI Port

E i210 MGMT Port

F LAN & SFP+ Ports

G LAN Module

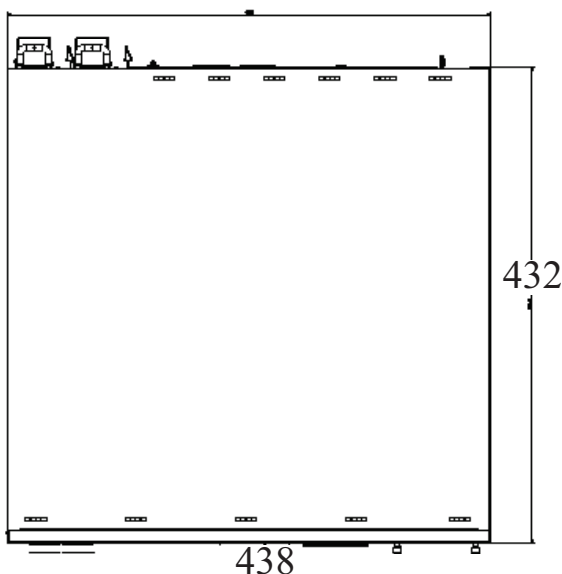
H Optional PCI-E*8 (HH/HL)

I Cooling Fans

J Power On/Off

K Redundant PSUs

Dimensions (WxDxH): 438 x 432 x 44 mm



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Ordering Information

NCA-2512A	Intel C3958 16 Core with QA + 5x GbE + 4x SFP+, 1x NIC (PCI-E8/PCI-E2X4), 300W Redundant PSUs
NCA-2512B	Intel C3758 8 Core with QA + 5x GbE + 4x SFP+, 1x NIC (PCI-E8/PCI-E2X4), 300W Redundant PSUs
NCA-2512C	Intel C3558 4 Core with QA + 5x GbE, 300W Redundant PSUs