

NCA-1510

Desktop Network Appliance Powered by Intel® Atom® C3000 (Denverton) CPU



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

■ Features

- Intel® Atom® 2~8 Cores C3758/C3558/C3308 CPU (Denverton)
- 4x RJ45, 2x SFP or 2x RJ45 (By SKU), 1 Pair of Gen3 Bypass (By SKU)
- 1x 260-pin DDR4 2133/2400MHz ECC DIMM, Max. 16GB
- 1x Mini USB Console, 2x USB 3.0, 1x 2.5" HDD/SSD Bay, 1x Onboard EMMC 8GB
- 1 x Mini-PCIe (PCIe), 1 x M.2 (USB2.0/PCIe) w/ Nano SIM
- Intel® QuickAssist Technology at 10Gbps

■ Specifications

Platform	
Form Factor	Desktop
Processor Options	Intel® Atom® C3000 (Denverton)
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2133/2400MHz ECC DIMM (By SKU)
Max. Capacity	16GB
Socket	1 x 260-pin SODIMM
Networking	
Ethernet Ports	4 x GbE RJ45 Intel® SoC Integrated MAC 2 x GbE SFP Intel® i210 (By SKU) or 2 x GbE RJ45 Intel i210 (By SKU)
Bypass	1 Pair (By SKU)
NIC Module Slot	N/A
LOM	
IO Interface	N/A
OPMA Slot	N/A
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1
Console	1 x Mini USB
USB	2 x USB 3.0
LCD Module	N/A
Display	N/A
Power Input	1 x DC Jack

Storage	
HDD/SSD Support	1 x 2.5" Bay (Optional)
Onboard	1 x EMMC 8GB
Expansion	
PCIe	N/A
Mini-PCIe	1 x Mini-PCIe (PCIe), 1 x M.2 2242 B/B+M (USB2.0/PCIe)
SIM Card Slot	1 x Nano SIM
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes (NPCT650)
Cooling	
Processor	Passive CPU Heatsink
System	Fanless
Environmental Parameters	
Temperature	0~50°C Operating (SKU A/B/C) 0~40°C Operating (SKU D) -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	217 x 145.5 x 44 mm
Weight	1.2 kg
Package Dimensions	
(WxDxH)	325 x 120 x 305 mm
Weight	2.2 kg
Power	
Type / Watts	36W or 60W Power Adapter (By SKU)
Input	AC 100~240V @50~60 Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class B, UL

Product I/O View

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A Mini USB Console

B System LED

C USB 3.0

D Fiber LED

E GbE SFP

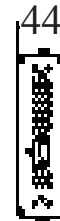
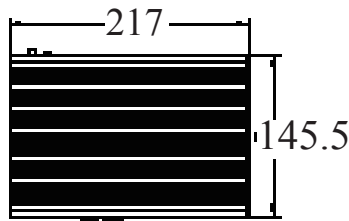
F GbE RJ45

G Antenna

H Power On/Off Switch

I DC Jack

Dimensions (WxDxH) 217 x 145.5 x 44 mm



Ordering Information

NCA-1510A	C3558, 6x GbE RJ45 w/ 1 Pair of Gen3 Bypass, 8G EMMC Onboard DDR4 2133MHz
NCA-1510B	C3558, 4x GbE RJ45 w/ 1 Pair of Gen3 Bypass & 2x GbE SFP w/ LED, 8G EMMC Onboard DDR4 2133MHz
NCA-1510C	C3308, 4x GbE RJ45 w/o Bypass, 8G EMMC Onboard DDR4 2133MHz
NCA-1510D	C3758, 6x GbE RJ45 w/ 1 Pair of Gen3 Bypass, 8G EMMC Onboard DDR4 2400MHz

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