

NCA-1513

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



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

■ Features

- Intel® Atom® C3000 Processor (Denverton and Denverton-R)
- 4x GbE RJ45 Intel® SoC Integrated MAC, 2x GbE RJ45 Intel® i210AT or i211AT (by SKU), 2x GbE SFP Intel® i210-IS(by SKU)
- 1x 260-pin DDR4 2133/1866MHz, ECC/Non-ECC SODIMM (By SKU), Max. 32GB
- 1x RJ45 Console, 2x USB 3.0 or 2.0, 1x Onboard EMMC 8G (SKU A/B/C/D), 1x Nano SIM for M.2
- 1x Mini-PCIe (PCIe / USB 2.0), 1x M.2 2280/2242 (SATA 3.0), 1x M.2 3042 (USB 3.0)

■ Specifications

Platform	
Form Factor	Desktop
Processor Options	Intel® Atom® C3000 (Denverton and Denverton-R)
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology (by SKU)
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2133/1866 MHz ECC/Non-ECC SODIMM (By SKU)
Max. Capacity	32GB
Socket	1 x 260-pin SODIMM
Networking	
Ethernet Ports	SKU A/E/F: 6 x GbE RJ45, (4 x GbE RJ45 Intel® SoC Integrated MAC + 2 x Intel i210-AT) SKU B: 6 x GbE RJ45, (4 x GbE RJ45 Intel® SoC Integrated MAC + 2 x Intel i211-AT) SKU C: 4 x GbE RJ45, (4 x GbE RJ45 Intel® SoC Integrated MAC) SKU D: 4 x GbE RJ45 + 2 x 1G SFP (4 x GbE RJ45 Intel® SoC Integrated MAC + 2 x Intel i210-IS)
Bypass	2 Pair of Gen3 (by SKU)
NIC Module Slot	N/A
LOM	
IO Interface	-
OPMA Slot	-
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1
Console	1 x RJ45

USB	2 x USB 2.0 or 2 x USB 3.0 (by SKU)
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 (SKU A/B/C/D)
Expansion	
PCIe	N/A
Mini-PCIe	1 x Mini-PCIe (PCIe/USB2.0) 1 x M.2 2280/2242 (SATA3.0) 1 x M.2 3042 (USB3.0)
SIM Card Slot	1 x Nano SIM for M.2
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	TPM 2.0
Cooling	
Processor	Passive CPU Heatsink
System	1 x Cooling Fan 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)	231 x 200 x 44 mm
Weight	1.2 kg
Package Dimensions	
(WxDxH)	358 x 135 x 290 mm
Weight	2.75 kg
Power	

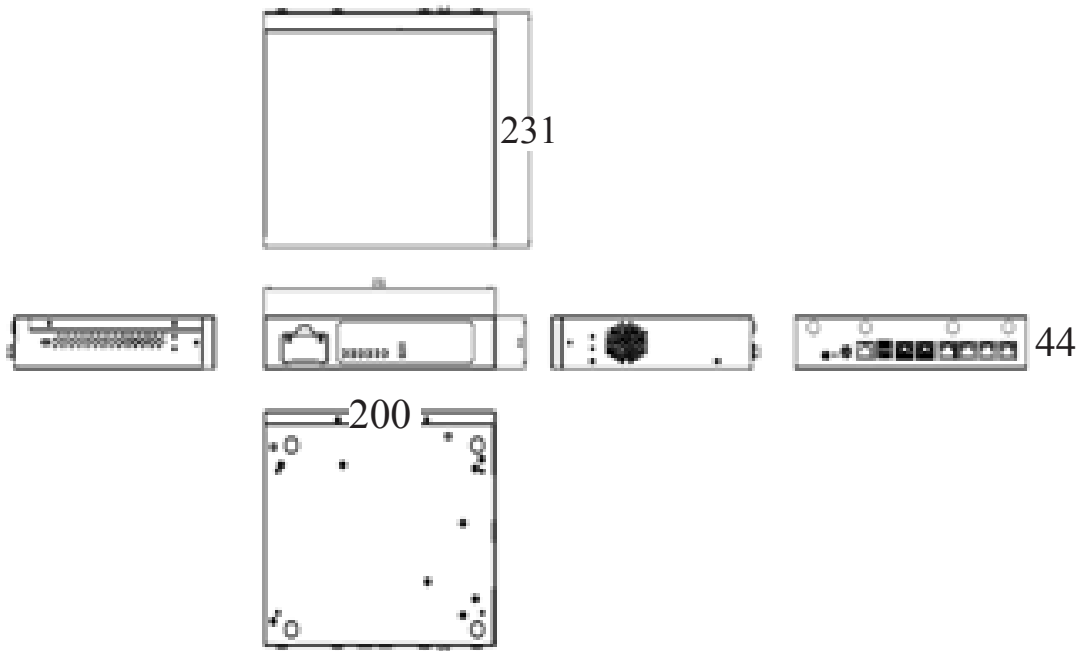
Product I/O View

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- A Power On/Off
- B Reset
- C DC Jack
- D Console
- E USB 3.0/2.0
- F 6x GbE RJ45
- G SIM Card Slot
- H LED

Dimensions (WxDxH) 231 x 200 x 44 mm



Ordering Information

NCA-1513A	C3558, 1x DDR4 ECC SODIMM, 6x GbE RJ45 w/ 2 Pair of Gen3 Bypass, 40W Adapter
NCA-1513B	C3308, 1x DDR4 ECC SODIMM, 6x GbE RJ45 w/ 2 Pair of Gen3 Bypass, 40W Adapter
NCA-1513C	C3338, 1x DDR4 ECC SODIMM, 4x GbE RJ45 w/o Bypass, 40W Adapter
NCA-1513D	C3558, 1x DDR4 ECC SODIMM, 4x GbE RJ45 w/ 2 Pair of Gen3 Bypass+2x SFP, 40W Adapter
NCA-1513E	C3436L, 1x DDR4 ECC SODIMM, 6x GbE RJ45 w/o Bypass, 40W Adapter
NCA-1513F	C3338R, 1x DDR4 ECC SODIMM, 6x GbE RJ45 w/o Bypass, 40W Adapter

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