

NCA-1515

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



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

■ Features

- Intel® Atom® C3000 Processor (Denverton)
- 4x GbE RJ45 Intel® SoC Integrated MAC, 2x GbE RJ45 Intel® i350 (by SKU) and 2x GbE SFP Intel® i350 (by SKU)
- Single-root input/output virtualization (SR-IOV)
- 2x 260-pin DDR4 2400/2133/1866MHz, ECC/Non-ECC SODIMM (By SKU), Max. 32GB
- 1x RJ45 Console, 2x USB 2.0, 1x Onboard EMMC 8G, 2x Nano SIM for M.2
- 2x Mini-PCIe (PCIe / USB 2.0), 1x M.2 2242 B Key (USB 3.0)

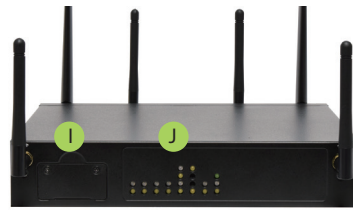
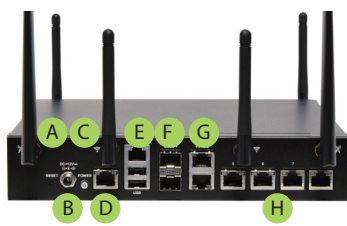
■ Specifications

Platform	
Form Factor	Desktop
Processor Options	Intel® Atom® C3000 (Denverton)
Core Numbers	SKU A~E: 2~12 Cores SKU F: 16 Cores (By Project)
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2400/2133/1866 MHz ECC/Non-ECC SODIMM (By SKU)
Max. Capacity	32GB
Socket	2 x 260-pin SODIMM
Networking	
Ethernet Ports	4 x GbE RJ45 Intel® SoC Integrated MAC 2 x GbE RJ45 Intel® i350 and (by SKU) 2 x GbE SFP Intel® i350 (by SKU)
Bypass	1 Pair of Gen3 (by SKU)
NIC Module Slot	N/A
LOM	
IO Interface	1 x RJ45 (By SKU)
OPMA Slot	Yes
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1
Console	1 x RJ45
USB	2 x USB 2.0
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	2 x Mini-PCIe (PCIe/USB2.0), 1 x M.2 2242 B Key (USB3.0)
SIM Card Slot	2 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 (SKU A~E) 2 x Cooling Fans w/ Smart Fan (SKU F)
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	
Type / Watts	36W or 60W Power Adapter (By SKU)
Input	AC 100~240V @50~60 Hz
Certification	
Approvals and Compliance	SKU A~E: RoHS, CE/FCC CLASS B, UL, VCCI, RCM, CCC, PTCRB, ODI, MBTC SKU F (By Project): Compliance Pending

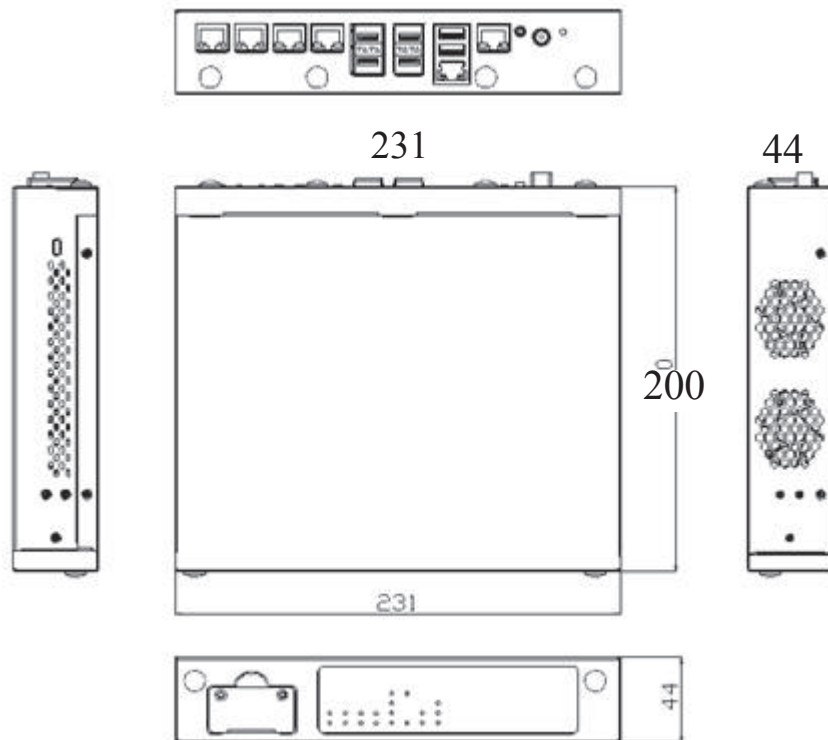
Product I/O View

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|-----------------------|---------------------------------|----------------------|-----------------------------|
| A Reset | D LOM | G 2x GbE RJ45 | J LED for LAN/Status |
| B DC Jack | E Console & 2x USB Ports | H 4x GbE RJ45 | |
| C Power On/Off | F 2x GbE SFP | I SIM Socket | |

Dimensions (WxDxH) 231 x 200 x 44 mm



Ordering Information

NCA-1515A	C3758, 8-core, 2x DDR4 ECC SODIMM, 4x GbE RJ45 w/ 1 Pair of Gen3 Bypass, 2x GbE SFP w/ LED & 2x GbE RJ45, w/BMC, 60W Adapter
NCA-1515B	C3558, 4-core, 2x DDR4 ECC SODIMM, 4x GbE RJ45 w/ 1 Pair of Gen3 Bypass, 2x GbE SFP w/ LED & 2x GbE RJ45, w/BMC, 60W Adapter
NCA-1515C	C3308, 2-core, 1x DDR4 ECC SODIMM, 4x GbE RJ45 w/o Bypass, 36W Adapter
NCA-1515D	C3558, 4-core, 2x DDR4 ECC SODIMM, 4x GbE RJ45 w/ 1 Pair of Gen3 Bypass & 2x GbE SFP w/ LED, w/ BMC, 60W Adapter
NCA-1515E	C3858, 12-core, 2x DDR4 ECC SODIMM, 4x GbE RJ45 w/ 1 Pair of Gen3 Bypass, 2x GbE SFP w/ LED & 2x GbE RJ45, w/BMC, 60W Adapter
NCA-1515F (By Project)	C3958, 16-core, 2x DDR4 ECC SODIMM, 4x GbE RJ45 w/ 1 Pair of Gen3 Bypass, 2x GbE SFP w/ LED & 2x GbE RJ45, w/BMC, 60W Adapter

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contact@lannerinc.com | www.lannerinc.com