

NCA-1516

**5G/Wifi6 Ready Desktop Network Appliance
with Intel Atom® C3000 CPU (Codenamed
Denverton-R)**



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

■ Features

- Intel® Atom C3000 CPU and Intel® QuickAssist Technology
- DDR4 1866/2133/2400 MHz, Max. 64GB
- 6x GbE RJ45 (w/ 2x PoE+ Option), 2x 10GbE SFP+
- 1x RJ45 Console, 2x USB 3.0, 1x Mini-PCIe, 3x M.2
- Support for mmWave & Sub-6GHz 5G
- 2x Cooling Fans or Fanless (By Request)
- Support for Dual Adapters (Optional)

■ Preliminary Specifications

Platform	
Form Factor	Desktop
Processor Options	Intel® Atom® C3000
CPU Socket	1 x Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 1866/2133/2400MHz ECC/Non-ECC (By SKU)
Max. Capacity	64GB
Socket	2 x 260-pin SODIMM
Networking	
Ethernet Ports	4 x GbE RJ45 Intel® i350 2 x GbE RJ45 Marvell 88E1543 (Optional PoE+ Support) 2 x SFP+ SoC Integrated MAC
Bypass	N/A
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 x ATX Power Switch
Console	1 x RJ45
USB	2 x USB 3.0
LCD Module	N/A
Display	N/A
Power Input	2 x DC Jack (Optional 2nd DC Jack)

Storage	
HDD/SSD Support	N/A
Onboard Slots	1 x Onboard EMMC 8G (By Request)
Expansion	
PCIe	N/A
Mini-PCIe	1 x Mini-PCIe (PCIe/USB2.0)
M.2	1x M.2 3052/3580 B Key (PCIe/USB 3.0) 1x M.2 3042 B Key (USB 3.0) 1x M.2 2242 B Key (SATA)
SIM Card Slot	2 x Nano SIM
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes
Cooling	
Processor	Passive CPU Heatsink
System	2 x Cooling Fans with Smart Fan or Fanless (By Request)
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	231 x 200x 44 mm
Weight	1.2 kg
Package Dimensions	
(WxDxH)	358 x 135 x 290 mm
Weight	2.75 kg
Power	
Type / Watts	60W 5A/12V PSU
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** Switch On/Off & Reset
- B** Power Input
- C** Console & 2 x USB 3.0
- D** 2 x SFP+
- E** 6 x RJ45
- F** 2 x Nano SIM Slots
- G** LED Status

■ Dimensions (WxDxH) 231 x 200 x 44 mm

■ Ordering Information

NCA-1516A	C3958, 2x DDR4 ECC SODIMM, 6x GbE RJ45 , 2x GbE SFP+ w/ LED, 60W Adapter
NCA-1516B	C3858, 2x DDR4 ECC SODIMM, 6x GbE RJ45 , 2x GbE SFP+ w/ LED, 60W Adapter
NCA-1516C	C3758, 2x DDR4 ECC SODIMM, 6x GbE RJ45 , 2x GbE SFP+ w/ LED, 60W Adapter
NCA-1516D	C3558, 2x DDR4 ECC SODIMM, 6x GbE RJ45 , 2x GbE SFP+ w/ LED, 60W Adapter
NCA-1516E	C3758R, 2x DDR4 ECC SODIMM, 6x GbE RJ45 , 2x GbE SFP+ w/ LED, 60W Adapter
NCA-1516F	C3558R, 2x DDR4 ECC SODIMM, 6x GbE RJ45 , 2x GbE SFP+ w/ LED, 60W Adapter

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