

# NCA-1516

Desktop Network Appliance with Intel  
Atom® C3000 CPU (Codename 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 1GbE RJ45 (w/ 2x PoE+ Option), 2x 10G SFP+
- 1x RJ45 Console, 2x USB 3.0, 1x Mini-PCIe, 3x M.2
- Optional Support For mmWave & Sub-6GHz 5G
- 2x Cooling Fans Or Fanless (By Request)
- Support For Dual Adapters (Optional)

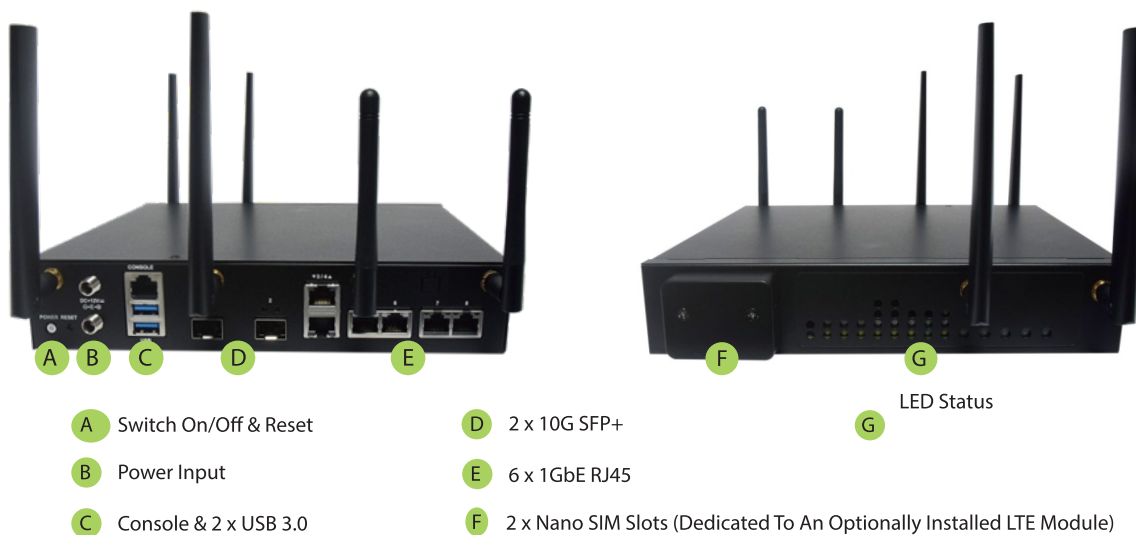
## Specifications

| 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 1GbE RJ45 Intel® i350<br>2 x 1GbE RJ45 Intel® SoC Integrated MAC (Optional PoE+ Support)<br>2 x 10G 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                | 1x M.2 2242 B Key (SATA)<br>1x 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)<br>1x M.2 3042 B Key (USB 3.0) |
| SIM Card Slot                | 2 x Nano SIM Slots (Dedicated To An Optionally Installed LTE Module) |
| 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<br>-20~70°C Non-Operating                           |
| Humidity (RH)                | 5~90% Operating<br>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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## Dimensions (WxDxH) 231 x 200 x 44 mm

## Ordering Information

|           |                                                                            |
|-----------|----------------------------------------------------------------------------|
| NCA-1516A | C3958, 2x DDR4 ECC SODIMM, 6x 1GbE RJ45 , 2x 10G SFP+ w/ LED, 60W Adapter  |
| NCA-1516B | C3858, 2x DDR4 ECC SODIMM, 6x 1GbE RJ45 , 2x 10G SFP+ w/ LED, 60W Adapter  |
| NCA-1516C | C3758, 2x DDR4 ECC SODIMM, 6x 1GbE RJ45 , 2x 10G SFP+ w/ LED, 60W Adapter  |
| NCA-1516D | C3558, 2x DDR4 ECC SODIMM, 6x 1GbE RJ45 , 2x 10G SFP+ w/ LED, 60W Adapter  |
| NCA-1516E | C3758R, 2x DDR4 ECC SODIMM, 6x 1GbE RJ45 , 2x 10G SFP+ w/ LED, 60W Adapter |
| NCA-1516F | C3558R, 2x DDR4 ECC SODIMM, 6x 1GbE RJ45 , 2x 10G SFP+ w/ LED, 60W Adapter |