

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 | |

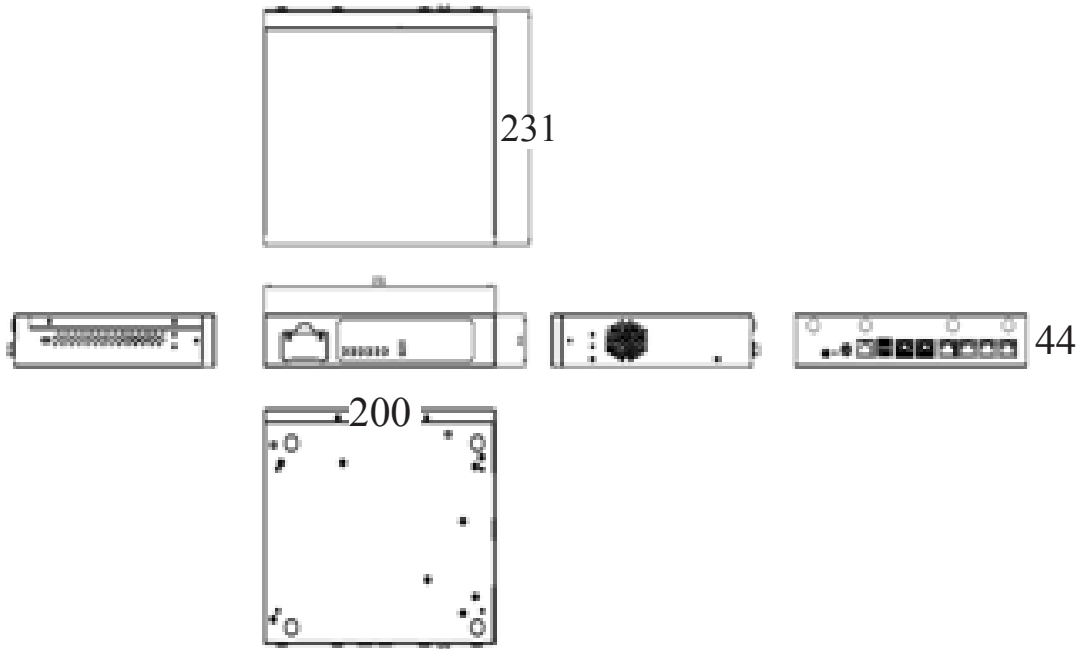
Product I/O View

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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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