

NCA-2510

1U 19" Rackmount Network Appliance Built with Intel® Atom™ C3000 Processors (Codenamed Denverton)



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

■ Features

- Intel® Atom™ C3000 CPU (4 ~16 Cores)
- 1x GbE RJ45 Intel i210, 4x GbE RJ45 Intel i350-AM4, 4x SFP+ Intel Denverton Integrated (By SKU), 2x Pairs of Gen3 Bypass (By SKU)
- 1x NIC Module Slot, 2x USB 2.0
- 4x 288-pin DIMM DDR4 2400MHz ECC or Non-ECC UDIMM/RDIMM, Max. 128GB or 64GB
- 2x 2.5" HDD/SSD Drive Bays, 1x mSATA
- 1x PCI-E*8 HH/HL (Optional), 2x Cooling Fans
- Intel® QuickAssist Technology

■ Specifications

| Platform | |
|-----------------------|---|
| Form Factor | 1U 19" Rackmount |
| Processor Options | Intel® Atom™ C3000 4 ~16 Cores (Denverton) |
| CPU Socket | Onboard |
| Chipset | SoC |
| Security Acceleration | Intel® QuickAssist Technology |
| BIOS | AMI SPI Flash BIOS |
| System Memory | |
| Technology | DDR4 2400MHz ECC or non-ECC UDIMM/RDIMM |
| Max. Capacity | 128GB or 64GB |
| Socket | 4x 288-pin DIMM |
| Networking | |
| Ethernet Ports | 1 x GbE RJ45 Intel® i210 4 x GbE RJ45 Intel® i350-AM4 4 SFP+ Intel® Denverton Integrated (By SKU) |
| Bypass | 2 Pairs Gen3 (by SKU) |
| NIC Module Slot | 1 |
| LOM | |
| IO Interface | 1 x RJ45 (By SKU) |
| OPMA Slot | Yes |
| 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 2.0 |
| LCD Module | 2 x 20 Character LCM, 4 x Keypads |
| Display | From OPMA Slot (Optional) |
| Power Input | AC Power Inlet on PSU |

| Storage | |
|------------------------------|--|
| HDD/SSD Support | 2 x 2.5" Bay |
| Onboard Slots | 1 x mSATA |
| Expansion | |
| PCIe | 1 x PCI-E*8 HH/HL (Optional) |
| mini-PCIe | N/A |
| Miscellaneous | |
| Watchdog | Yes |
| Internal RTC with Li Battery | Yes |
| TPM | Yes (Optional) |
| Cooling | |
| Processor | Passive CPU Heatsink |
| System | 2 x Cooling Fans with 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) | 438 x 321 x 44 mm |
| Weight | 4.4 kg |
| Package Dimensions | |
| (WxDxH) | 540 x 500 x 230 mm |
| Weight | 8 kg |
| Power | |
| Type / Watts | 150W ATX Single PSU |
| Input | AC 90V~264V @47~63Hz |
| Certification | |
| Approvals and Compliance | RoHS, CB |

Product I/O View

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



A LCM w/ Keypads

B Console Port

C USB 2.0

D IPMI & MGMT

E GbE & SFP+ Ports

F LAN Module

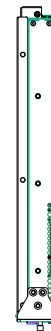
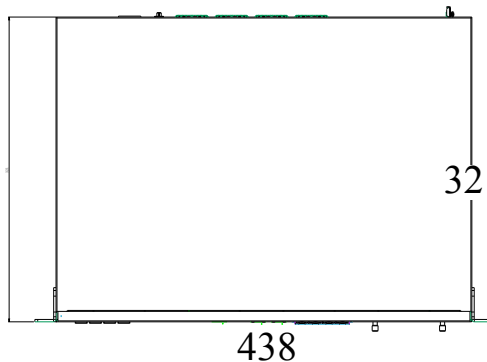
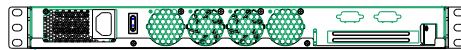
G PCI-E*8

H Cooling Fans

I Power On/Off

J 150W PSU

Dimensions (WxDxH): 438 x 321 x 44 mm



Ordering Information

| | |
|-----------|--|
| NCA-2510A | Intel C3958 16 Core with QA + 5x GbE + 4x SFP+, 1x NIC (PCIE8/PCIE2X4) |
| NCA-2510B | Intel C3758 8 Core with QA + 5x GbE + 4x SFP+, 1x NIC (PCIE8/PCIE2X4) |
| NCA-2510C | Intel C3758 8 Core with QA + 5x GbE, 1x NIC (PCIE8/PCIE2X4) |
| NCA-2510D | Intel C3558 4 Core with QA + 5x GbE |

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