

NCA-4020

1U 19" Rackmount Network Appliance with Intel Xeon® D-2100 Multi-core Processor (Codenamed Skylake-DE)



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

■ Features

- Intel® Xeon D-2100 8/12/16 Cores Processor
- 4x DDR4 2666 MHz, Max. 128GB
- Up to 10x GbE RJ45 w/ 8 Port PoE+ or 4x SFP+
- 1x RJ45 Console, 1x IPMI, 2x USB 2.0
- 2x 2.5" Internal HDD/SSD Bays, 2x M.2 Onboard Slot
- 3x SIM Card Slots, 1x Mini-PCIE Slot, 1x PCI-E*8 FH/HL (Optional)
- Intel® QuickAssist Technology

■ Specifications

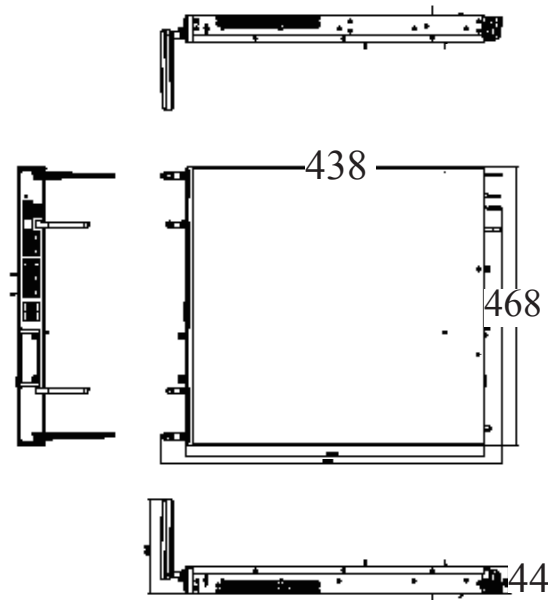
| Platform | |
|-----------------------|---|
| Form Factor | 1U 19" Rackmount |
| Processor Options | Intel® Xeon® D2100 8/12/16 Cores |
| CPU Socket | 1 x Onboard |
| Chipset | N/A |
| Security Acceleration | Intel® QuickAssist Technology |
| BIOS | AMI SPI Flash BIOS |
| System Memory | |
| Technology | DDR4 2666MHz REG DIMM |
| Max. Capacity | 128GB |
| Socket | 4 x 288-pin DIMM |
| Networking | |
| Ethernet Ports | 10 x GbE RJ45 with 8 x Port PoE+ and 4 x SFP+ or 10 x GbE RJ45 with 4 x Port PoE+ and 4 x SFP+ |
| Bypass | N/A |
| NIC Module Slot | N/A |
| LOM | |
| IO Interface | 1 x RJ45 |
| OPMA Slot | IPMI Onboard |
| 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 | N/A |
| Display | Internal Pin Header |
| Power Input | AC Power Inlet on PSU |

| Storage | |
|------------------------------|--|
| HDD/SSD Support | 2 x 2.5" Internal |
| Onboard Slots | 2 x M.2 (w/ LTE Support) |
| Expansion | |
| PCIe | 1 x PCI-E*8 FH/HL (Optional) |
| mini-PCIE | 1 x Mini-PCIE (PCIe*1/USB2.0) |
| SIM Card Slot | 3 |
| Miscellaneous | |
| Watchdog | Yes |
| Internal RTC with Li Battery | Yes |
| TPM | Yes (Optional) |
| Cooling | |
| Processor | Passive CPU Heatsink |
| System | 3 x Individual Hot-swappable Cooling Fans with Smart Fan |
| Temperature | 0~40°C Operating -40~70°C Non-Operating |
| Humidity (RH) | 5~90% Operating 5~95% Non-Operating |
| System Dimensions | |
| (WxDxH) | 438 x 468 x 44 mm |
| Weight | 7.9 kg |
| Package Dimensions | |
| (WxDxH) | 739 x 582 x 215 mm |
| Weight | 13.6 kg |
| Power | |
| Type / Watts | 600W 1+1 Redundant PSU |
| Input | AC 100~240V @47~63 Hz |
| Certification | |
| Approvals and Compliance | CE/FCC Class A, UL |

■ Product I/O View

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

■ Dimensions (WxDxH) 438 x 468 x 44 mm



■ Ordering Information

| | |
|-----------|--|
| NCA-4020A | D-2187NT, 16 Cores, 10 GbE RJ45 with 8 Port POE+ and 4 SFP+ with BMC |
| NCA-4020B | D-2166NT, 12 Cores, 10 GbE RJ45 with 8 Port POE+ and 4 SFP+ with BMC |
| NCA-4020C | D-2146NT, 8 Cores, 10 GbE RJ45 with 4 Port POE+ and 4 SFP+ with BMC |
| NCA-4020D | D-2145NT, 8 Cores, 10 GbE RJ45 with 4 Port POE+ and 4 SFP+ with BMC |

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