

NCA-4210

**1U x86 Rackmount Network Appliance
Powered by Intel®'s 7th Gen Core Processors
(Skylake/Kaby Lake)**



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

■ Features

- 7th Gen Intel® Core™ i7/i5/i3 or Pentium® or Celeron® (Skylake/Kaby Lake), Intel® H110 or C236 Chipset
- 2x 288-pin DIMM DDR4 2400MHz (Max. 32GB)
- 6x RJ45 (SKU A), 6x RJ45+2x SFP (SKU B), 14x RJ45+2x SFP (SKU C)
- 1x NIC Module Slot, 2x Pairs of Gen 3 LAN Bypass (By SKU)
- 2x USB 2.0 Ports, 2x 2.5" HDD/SSD Drive Bays
- 1x PCI-E*8 (Default) or 2x PCI-E*4 (Optional)
- 2x Cooling Fans

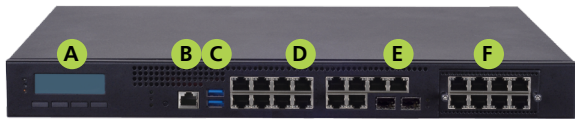
■ Specifications

| Platform | |
|-----------------------|---|
| Form Factor | 1U 19" Rackmount |
| Processor Options | Intel® Core™ i7/i5/i3 or Pentium® or Celeron® (Skylake/Kaby Lake) |
| CPU Socket | 1x LGA1151 |
| Chipset | Intel® H110 or C236 |
| Security Acceleration | N/A |
| BIOS | AMI SPI Flash BIOS |
| System Memory | |
| Technology | DDR4 2400MHz ECC (by CPU for C236 only) or Non-ECC UDIMM |
| Max. Capacity | 32GB |
| Socket | 2 x 288-pin DIMM |
| Networking | |
| Ethernet Ports | 6x RJ45 (SKU A), 6x RJ45+2x SFP (SKU B), 14x RJ45+2x SFP (SKU C) |
| Bypass | 2 Pairs Gen3 (by SKU) |
| NIC Module Slot | 1 |
| LOM | |
| IO Interface | 1 x RJ45 (Optional) *Share with ETH0 |
| 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 | 1x PCIe*8 (Default), 2x PCIe*4 (Optional) |
| mini-PCIe | N/A |
| Miscellaneous | |
| Watchdog | Yes |
| Internal RTC with Li Battery | Yes |
| TPM | Yes (Optional) |
| Cooling | |
| Processor | Passive CPU Heatsink |
| System | 2x 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 | 7.5 kg |
| Package Dimensions | |
| (WxDxH) | 540 x 500 x 230 mm |
| Weight | 8.5 kg |
| Power | |
| Type / Watts | 220W ATX Single PSU |
| Input | AC 90~264V @47~63 Hz |
| Certification | |
| Approvals and Compliance | RoHS, CE/FCC Class A, UL |

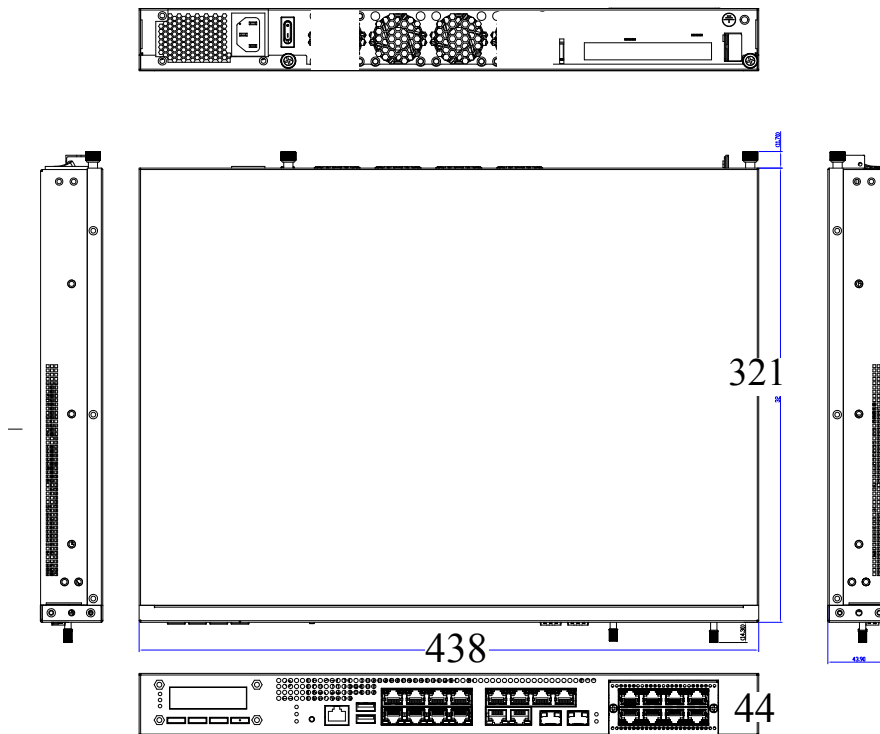
Product I/O View

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- | | | |
|-----------------------|---------------------------------|--|
| A LCM w/LED | D GbE RJ45 Ports | G Rear PCIe Expansion Slot (by Project) |
| B Console Port | E GbE SFP Ports (by SKU) | H Cooling Fans |
| C USB Ports | F NIC Module Slot | I PSU |

Dimensions (WxDxH) 438 x 321 x 44 mm



Ordering Information

- | | |
|------------------|---|
| NCA-4210A | PCH H110 with 2x DDR4 UDIMM, 6x RJ45 (2 Pairs of Bypass), 1x NIC Module (1x PCIe*8) |
| NCA-4210B | PCH C236 with 2x DDR4 ECC DIMM, 6x RJ45 (2 Pairs of Bypass) + 2x SFP, 1x NIC Module (1x PCIe*8 Default, 2x PCIe*4 Optional) |
| NCA-4210C | PCH C236 with 2x DDR4 ECC DIMM, 14x RJ45 (2 Pairs of Bypass) + 2x SFP, 1x Module (1x PCIe*8 Default, 2x PCIe*4 Optional) |

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