

# 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

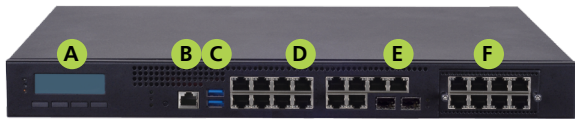
## ■ Specifications

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

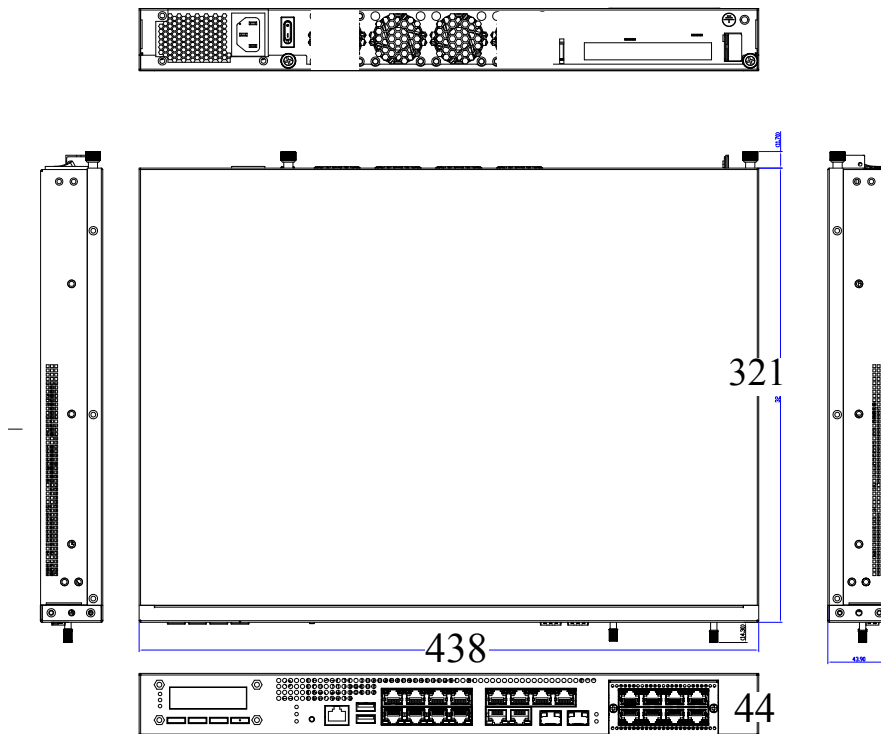
## Product I/O View

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

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