

NCA-4210

1U x86 Rackmount Network Appliance
Powered by Intel® Core™/Pentium®/Celeron® Processors



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

■ Features

- Intel® Core™ i7/i5/i3 or Pentium® or Celeron® CPU with H110 or C236 Chipset
- 6x GbE RJ45 or 2x GbE SFP (SKU B/C) or 8x GbE RJ45 (SKU C)
- 2x Pairs of Gen 3 LAN Bypass (By SKU)
- 2x 288-pin DIMM DDR4 2400MHz (Max. 32GB)
- 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	6 x GbE RJ45 Intel® i210 2 x GbE SFP Intel® i210-IS (SKU B/C) 8 x GbE RJ45 Intel® i210 (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

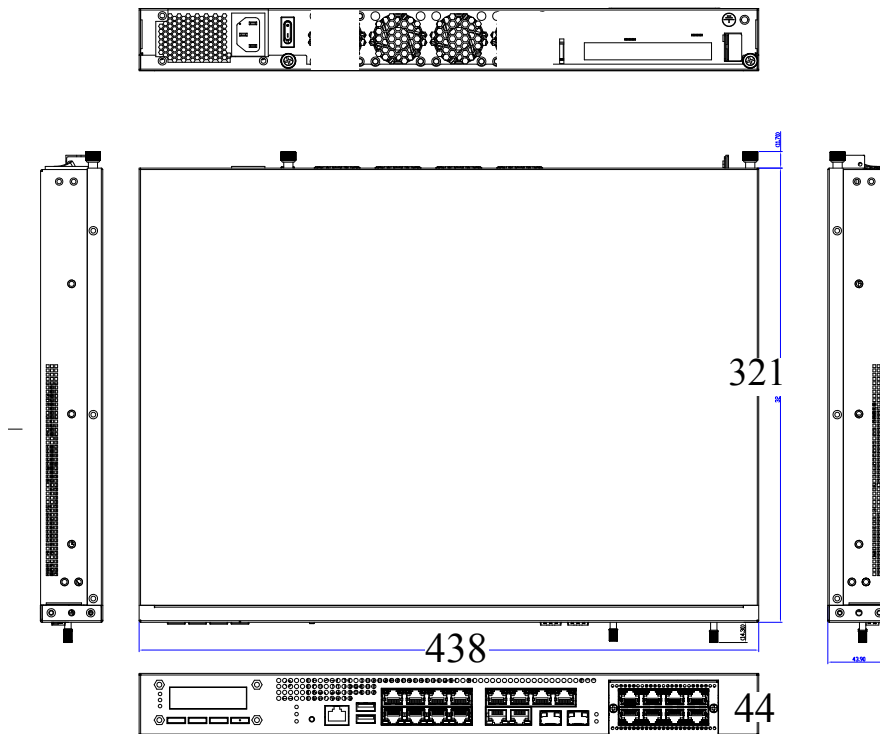
Product I/O View

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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 Slim-type NIC Module (1x PCIe*8) |
| NCA-4210B | PCH C236 with 2x DDR4 ECC DIMM 16G/DIMM, 6x RJ45 (2 Pairs of Bypass) + 2x SFP, 1x Slim-type NIC Module (1x PCIe*8 Default, 2x PCIe*4 Optional) |
| NCA-4210C | PCH C236 with 2x DDR4 ECC DIMM 16G/DIMM, 14x RJ45 (2 Pairs of Bypass) + 2x SFP, 1x Slim-type NIC Module (1x PCIe*8 Default, 2x PCIe*4 Optional) |

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connect@lannerinc.com | www.lannerinc.com

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