

# NCA-5210

**1U x86 Rackmount Network Appliance Built with Intel®'s 7th Gen. Core™ Processors (codenamed Kaby Lake)**

## ■ Features

- Intel® 7th Gen. Core™ i7/i5/i3, Xeon® E3-1200 v6/v5, Pentium® or Celeron® CPU with C236 PCH
- (SKU A) 8x GbE RJ45
- (SKU B) 12x GbE RJ45 and 4x GbE SFP
- (SKU C) 4x NIC Modules
- 4x or 2x NIC Module Slots
- 4x 288-pin DIMM DDR4 2400MHz
- 2x 2.5" HDD/SSD Drive Bays
- 1x PCI-E\*4/8 FH/HL (by Project), 4x Cooling Fans



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

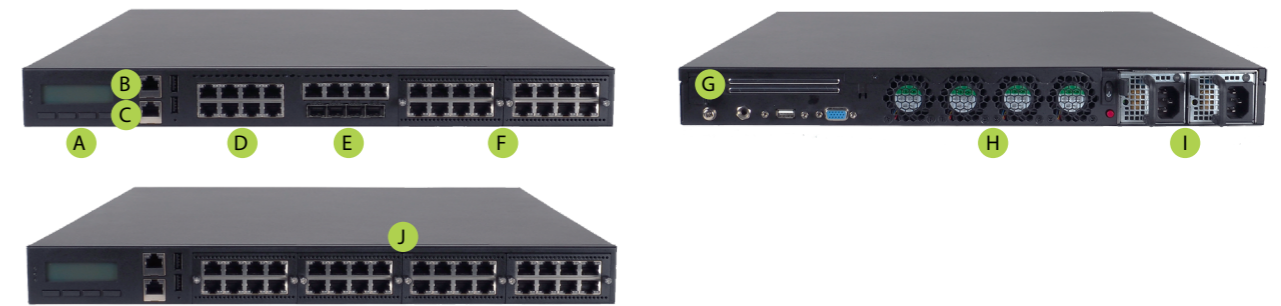
## ■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Xeon® E3-1200v5/v6 or Core™ i7/i5/i3 or Pentium® or Celeron® (Skylake/Kaby Lake)
CPU Socket	1 x LGA1151
Chipset	Intel® C236
Security Acceleration	N/A
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2400MHz ECC(By CPU) or non-ECC UDIMM
Max. Capacity	64GB
Socket	4x 288-pin DIMM
Networking	
Ethernet Ports	1 x GbE RJ45 Intel® i210 8 x GbE RJ45 Intel® i210(SKU A) 12 x GbE RJ45 Intel® i350-AM4 + 4 x GbE SFP Intel® i350-AM4(SKU B) 4 NIC Modules (SKU C)
Bypass	Up to 6 Pairs Gen3 (by SKU)
NIC Module Slot	2 or 4 (by SKU)
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	1 x PCI-E*4/8 FH/HL (by Project)
mini-PCIe	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Optional
Cooling	
Processor	Passive CPU Heatsink
System	4 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 525 x 44 mm
Weight	15 kg
Package Dimensions	
(WxDxH)	790 x 600 x 220 mm
Weight	16 kg
Power	
Type / Watts	300W 1+1 ATX Redundant PSUs
Input	AC 90V~264V @47~63Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL

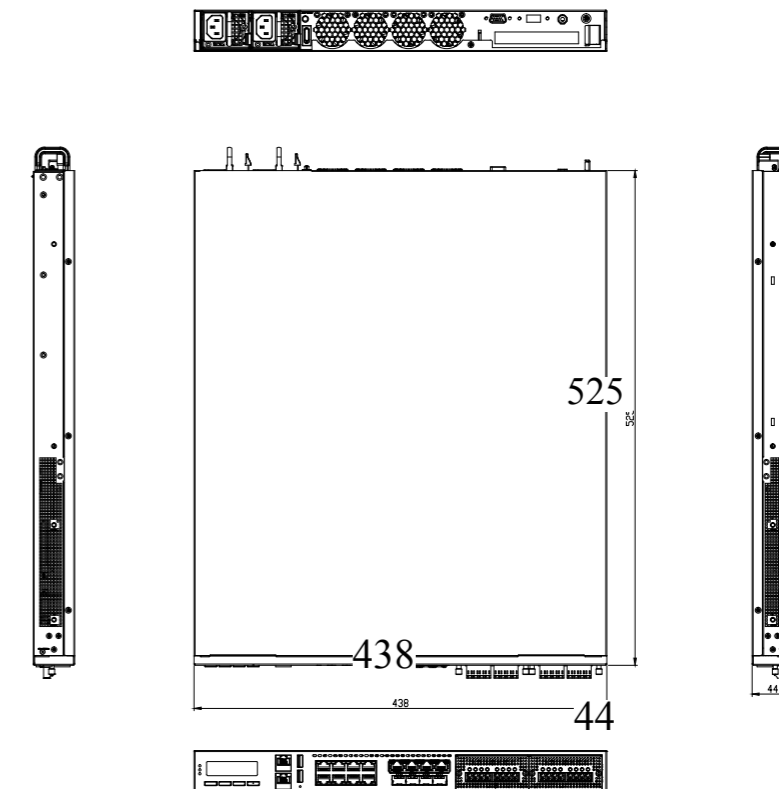
## ■ Product I/O View

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- A LCM w/ LED
- B Management Port
- C Console Port
- D GbE RJ45 Ports
- E GbE SFP Ports (by SKU)
- F 2x NIC Module Slots
- G Rear PCIe Expansion Slot (by Project)
- H Cooling Fans
- I Redundant PSU
- J 4x NIC Module Slots (by SKU)

## ■ Dimensions (WxDxH): 438 x 525 x 44 mm



## ■ Ordering Information

- NCA-5210A 8x GbE(i210) 4pairs Gen3 bypass + 2x NIC slots (PCIe8)
- NCA-5210B 12x GbE(i350) 6pairs Gen3 bypass + 4x SFP(i350) + 2x NIC slot (PCIe8)
- NCA-5210C 2x NIC slots (2x PCIe4) + 2x NIC slots (1x PCIe8)

V1-2024.12.24

**Lanner**

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