

# NCA-4012

**1U 19" Rackmount Network Appliance Built with Intel® Xeon® D-1500 4~16 Cores Processor (Codenamed Broadwell-DE)**



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

## ■ Features

- Intel® Xeon® D-1500 4~16 Cores Processor
- 15x GbE, 2x 10G SFP+, 7 Pairs of Bypass (By SKU)
- 2x 288pin DDR4 2400 MHz REG, ECC or Non-ECC UDIMM, Max. 64GB (R-DIMM) or 32GB (ECC)
- 1x RJ45 Console, 2x USB 2.0, 1x NIC Module Slot
- 1x PCIe\*8 HH/HL (Optional), 2x 2.5" Internal HDD/SSD Bays, 1x mSATA
- 2x 20 Character LCM, 4x Keypads

## ■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Xeon® D-1500 4~16 Cores (Broadwell-DE)
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	N/A
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2400 MHz REG, ECC or Non-ECC UDIMM
Max. Capacity	R-DIMM: 64GB / ECC: 32GB
Socket	2 x 288-pin DIMM
Networking	
Ethernet Ports	8 x RJ45 Intel® i210 (By SKU) SKU A: 7 x GbE RJ45 + 1 x LOM Port 8 x RJ45 Intel® i350-AM4 (By SKU) 2 x 10G SFP+ Broadwell-D SoC (By SKU)
Bypass	3 x Pairs of Gen3 (By SKU)
NIC Module Slot	1
LOM	
IO Interface	1 x RJ45 (By Project) *Share with ETH0
OPMA Slot	Yes (By SKU)
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 (By Project)
Power Input	AC Power Inlet on PSU
Storage	

HDD/SSD Support	2 x 2.5" Bays
Onboard Slots	1 x mSATA
Expansion	
PCIe	1 x PCIe*8 HH/HL (Optional)
mini-PCIe	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes (Optional)
Cooling	
Processor	Passive CPU Heatsink
System	2 x Cooling Fans w/ 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 mm x 431 mm x 44 mm
Weight	7.24 kg
Package Dimensions	
(WxDxH)	582 mm x 548 mm x 182 mm
Weight	11.07 kg
Power	
Type / Watts	300W Power Adapter
Input	AC 100~240V @50~60Hz
Certification	
Approvals and Compliance	CE/FCC Class A, UL

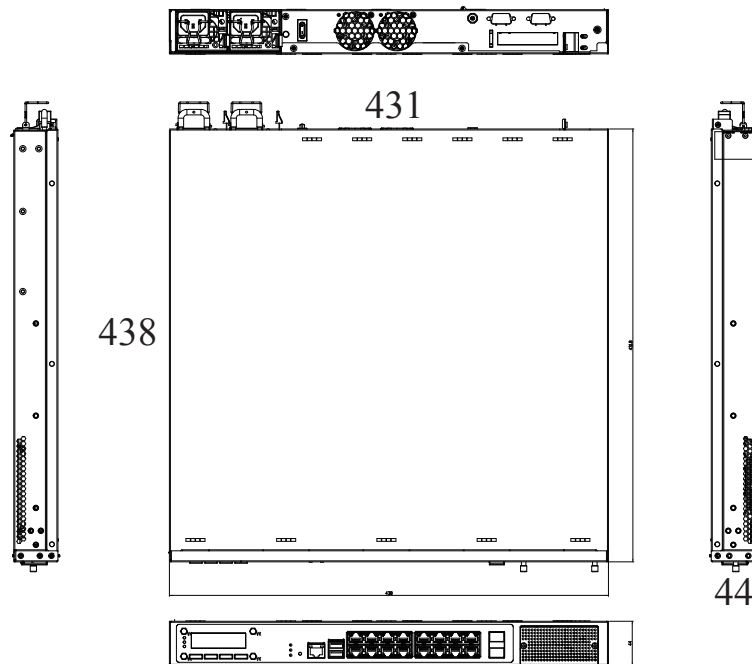
## Product I/O View

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



- A LCM & Keypads
- B RJ45 Console
- C USB 2.0
- D 16x GbE RJ45
- E 10G SFP+
- F NIC Module Slot
- G 1x PCIe\*8 HH/HL (Optional)
- H Fans
- I Power On/Off
- J Redundant PSUs

## Dimensions (WxDxH): 438 x 431 x 44 mm



## Ordering Information

- NCA-4012A Xeon D1548, IPMI (Optional), 15x GbE, 2x 10G SFP+ (7 Pairs of Bypass)
- NCA-4012B Xeon D1518, 8x GbE (3 Pairs of Bypass)
- NCA-4012C Xeon D1577, 8x GbE, 2x 10G SFP+ (3 Pairs of Bypass)

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# Lanner

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