

NCA-5520

1U 19" Rackmount Network Appliance Built with 2nd Gen Intel® Xeon® Scalable Family Processors (Codenamed Cascade Lake SP)



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

■ Features

- 2nd Gen Intel® Xeon® Scalable Family Processors (Codenamed Cascade Lake SP)
- 4x GbE RJ45 or 4x 10G SFP+ Lewisburg Internal MAC
- 10x 288pin DDR4 2933/2666/2400/2133 MHz REG DIMM (By CPU), Max. 640GB
- 1x RJ45 and 1x Mini USB Consoles, 2x USB 3.0
- Intel® QuickAssist Technology (By SKU)
- 1 x PCIe*8 FH/HL (Optional), 1x mSATA
- 2x 2.5" Internal HDD/SSD Bays, 4x NIC Module Slots
- 650W 1+1 Redundant PSUs, 4x Swappable Fans

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	2nd Gen Intel® Xeon® Scalable Family Processors (Cascade Lake SP)
CPU Socket	1 x LGA3647
Chipset	Intel® C621/C626
Security Acceleration	Intel® QuickAssist Technology (By SKU)
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2933/2666/2400/2133 MHz REG DIMM (By CPU)
Max. Capacity	640GB
Socket	10 x 288-pin REG DIMM
Networking	
Ethernet Ports	4 x GbE RJ45 or 4 x 10G SFP+ Lewisburg Internal MAC
Bypass	Depending on NIC Module Specifications
NIC Module Slot	4
LOM	
IO Interface	1 x RJ45 (Optional)
OPMA Slot	N/A, IPMI Chip Onboard
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1 x ATX Power Switch
Console	1 x RJ45, 1x Mini USB
USB	2 x USB 3.0
LCD Module	N/A (Optional)
Display	Internal Pin Header
Power Input	AC Power Inlet on PSU
Storage	
HDD/SSD Support	2 x 2.5" Internal Bays

Onboard Slots	1 x mSATA
Expansion	
PCIe	1 x PCIe*8 FH/HL (Optional)
mini-PCIe	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Optional
Cooling	
Processor	Passive CPU Heatsink
System	4 x Individual Hot-swappable 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)	438mm x 650mm x 44mm
Weight	11kg
Package Dimensions	
(WxDxH)	841mm x 588mm x 215mm
Weight	17kg
Power	
Type / Watts	650W 1+1 Redundant PSUs
Input	AC 100V~240V @47~63Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL

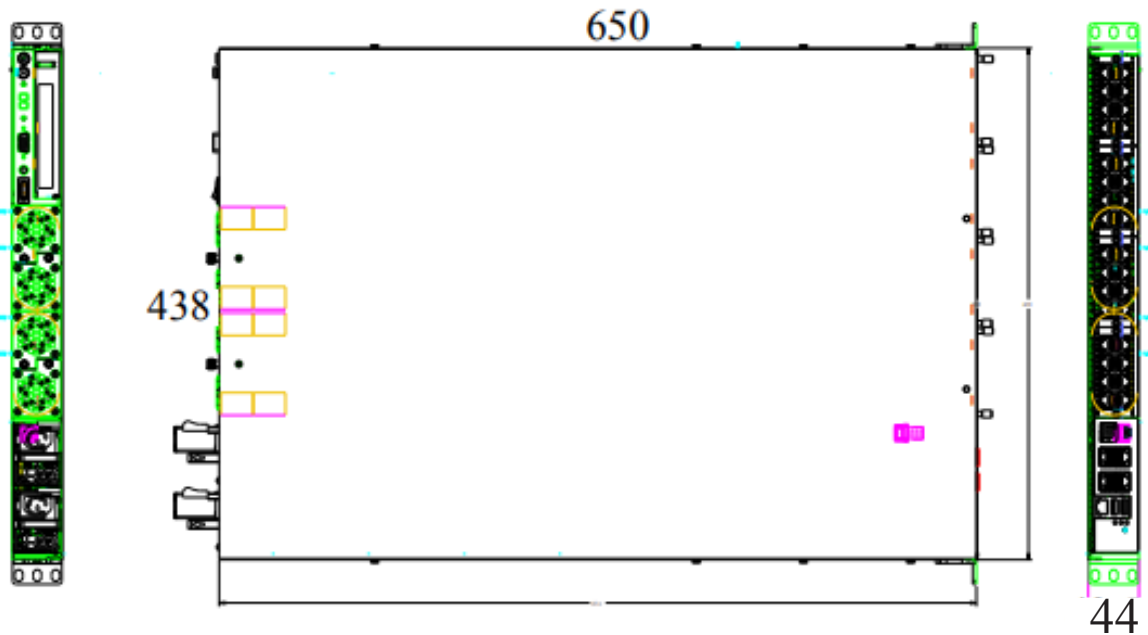
Product I/O View

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- A System LED
- B 2x USB3.0 & IO Interface
- C 4x GbE RJ45 or 4x SFP+
- D IPMI & Mini-USB Console
- E NIC Module Slots
- F PCIe Slot (Optional)
- G Power Switch
- H Swappable Fans
- I 650W 1+1 Redundant PSUs

Dimensions (WxDxH): 438 x 650 x 44 mm



Ordering Information

NCA-5520A Intel® C626 w/ BMC + 4x 10G SFP+ MGMT

NCA-5520B Intel® C621 + 4x GbE RJ45 MGMT

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