

NCA-5540

High Performance 1U Rackmount Network Security Appliance With Intel® Xeon® Processor Scalable Family (Sapphire Rapids-SP) & Emmitsburg PCH



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

■ Features

- Intel® Sapphire Rapids-SP & Emmitsburg PCH
- 2x GbE RJ45, 1x RJ45 Console, 4x NCS2 Or 2x N2S NIC Modules
- Max. 768GB DDR5 4800MHz RDIMM
- 2x USB 3.0, 2x 2.5" HDD/SSD
- 1x M.2 (SATA) 2280 B+M Key, 2x M.2 NVMe (PCIe) 2280 M Key
- Intel® QuickAssist Technology

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Xeon® Processor Scalable Family (Sapphire Rapids-SP)
CPU Socket	1 x LGA 4677
Chipset	Intel® Emmitsburg PCH
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 4800MHz RDIMM
Max. Capacity	768GB
Socket	12 x 288-pin DIMM
Networking	
Ethernet Ports	2 x GbE RJ45 With LED Dual MGT By Intel® I226-LM
Bypass	N/A
NIC Module Slot	4x NCS2 Or 2x N2S
LOM	
IO Interface	Yes, 1x LOM Port (Via BMC Chip)
OPMA Slot	Yes (Support AST2600 IPMI Card)
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 3.0
LCD Module	N/A
	N/A
Display	Yes (VGA Via IAC-AST2600 IPMI Card)
Power Input	AC Power Inlet On PSU
Storage	

HDD/SSD Support	2 x 2.5" HDD/SSD Or 4 x 2.5" HDD/SSD (With 3x NCS2 NIC Modules)
Onboard Slots	1 x M.2 (SATA) 2280 B+M Key 2 x M.2 NVMe (PCIe) 2280 M Key
Expansion	
PCIe	1 x PCI-E*8 HH/HL (Optional)
mini-PCIe or M.2	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Optional
Cooling	
Processor	Passive CPU Heatsink
System	5 x Smart Fans
Environmental Parameters	
Temperature	0~40°C Operating -40~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 650 x 44 mm
Weight	10.5 kg
Package Dimensions	
(WxDxH)	TBA
Weight	TBA
Power	
Type / Watts	1300W CRPS AC PSU
Input	TBA
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UKCA, UL

Product I/O View

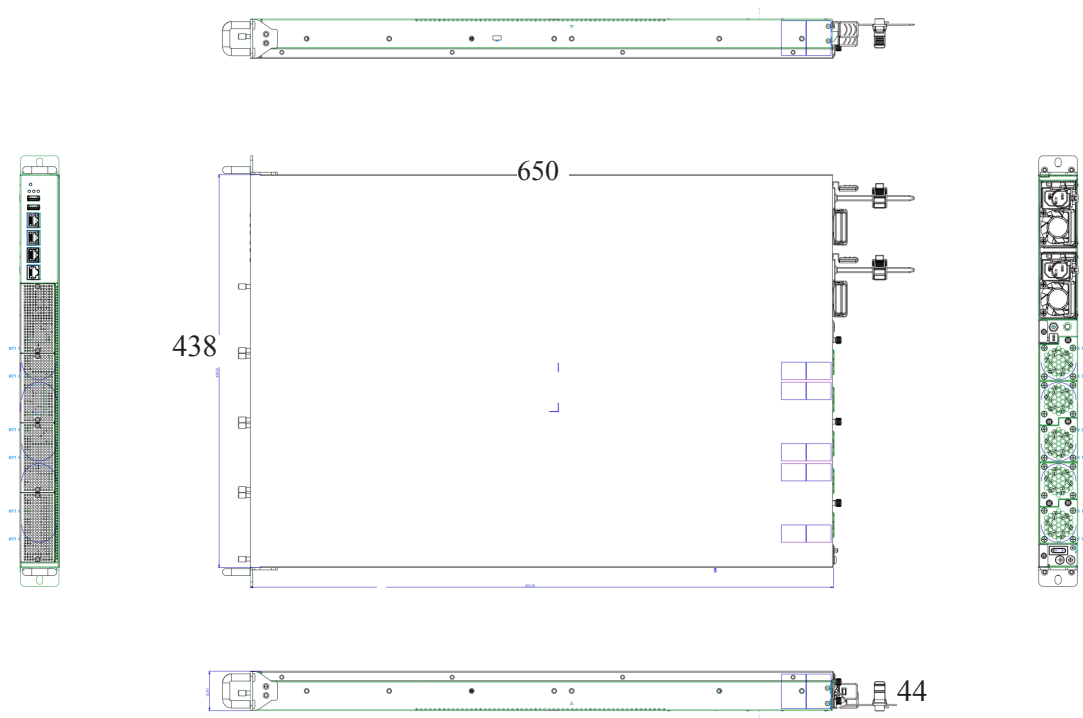
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- A USB 3.0
- B Ethernet Ports x2
- C LOM
- D Console

- E 4x NCS2 Or 2x N2S NIC Slots
- F Fans x5
- G PSU

Dimensions (WxDxH) 438 x 650 x 44 mm



Ordering Information

NCA-5540A	Intel Sapphire Rapid SP, 300W CPU TDP, 1U CPU Sink, 5x System Fans, 4x NCS2 Or 2x N2S NIC Modules, Support For HHHH PCIe Card (Under 150W)
NCA-5540B	Intel Sapphire Rapid SP, 225W CPU TDP, 1U CPU Sink, 5x System Fans, 4x NCS2 Or 2x N2S NIC Modules, Support For HHHH PCIe Card (Under 75W)

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