

NCA-5540

High Performance 1U Rackmount Network Security Appliance With 5th Gen Intel® Xeon® Scalable Processors



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

■ Features

- 5th Gen Intel® Xeon® Scalable Processors
- 2x GbE RJ45, 1x RJ45 Console, 4x NCS2 Or 2x N2S NIC Modules
- Max. 768GB DDR5 5600MHz 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	5th Gen Intel® Xeon® Scalable Processors (Codename Emerald Rapids)
CPU Socket	1 x LGA 4677
Chipset	Intel® Emmitsburg PCH
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 5600MHz 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)	739 x 582 x 215 mm
Weight	18.5 kg
Power	
Type / Watts	1300W CRPS AC PSU
Input	AC 100-240V @47-63Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UKCA, UL

Product I/O View

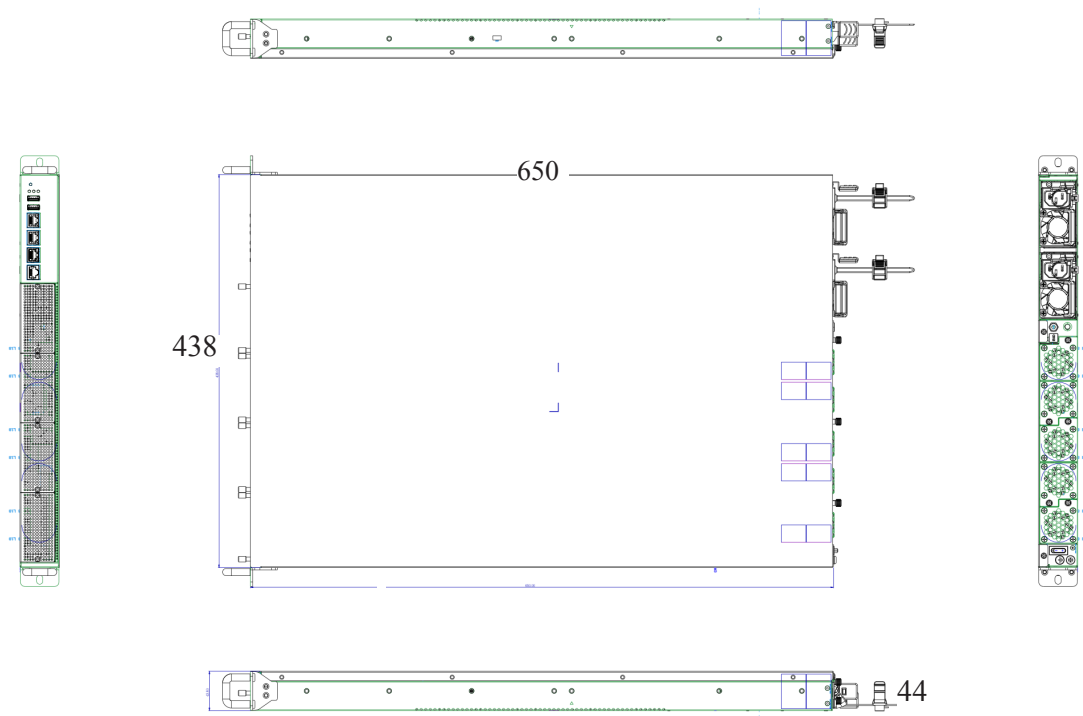
Images are for reference only. See ordering information for SKU details.



- 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 | 5th Gen Intel® Xeon® Scalable Processors, 300W CPU TDP, 1U CPU Sink, 5x System Fans, 4x NCS2 Or 2x N2S NIC Modules, Support For HHHL PCIe Card (75W) |
| NCA-5540B | 5th Gen Intel® Xeon® Scalable Processors, 225W CPU TDP, 1U CPU Sink, 5x System Fans, 4x NCS2 Or 2x N2S NIC Modules, Support For HHHL PCIe Card (75W) |
| NCA-5540C | 5th Gen Intel® Xeon® Scalable Processors, 300W CPU TDP, 1U CPU Sink, 5x System Fans, 4x NCS2 Or 2x N2S NIC Modules, Support For HHHL PCIe Card (75W), IPMI Support |
| NCA-5540D | 5th Gen Intel® Xeon® Scalable Processors, 225W CPU TDP, 1U CPU Sink, 5x System Fans, 4x NCS2 Or 2x N2S NIC Modules, Support For HHHL PCIe Card (75W), IPMI Support |

V1-2025.01.22