

NCA-6050

High Performance 2U Rackmount Network Security Appliance With Intel® Xeon 6® SP Processor Family



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

■ Features

- Intel® Xeon 6 SP Processor Family
- 2x GbE RJ45, 1x RJ45 Console, 2x USB 3.0, 1x Mini DP
- 8x NCS2 Or 4x N2S (SKU A) / 4x NCS2 Or 2x N2S NICs (SKU B)
- Max. 1024GB (R-DIMM) Or 512GB (MR-DIMM)
- 2x U.2 NVME SSD (Optional)
- Rear 1x FHHL Single-Deck PCIe Gen5 (Optional)
- Front 2x FHFL Double-Deck PCIe Gen5 For GPU Cards (SKU B)
- Intel® QuickAssist Technology (By CPU)

■ Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	Intel® Xeon6 ® Processor Family Sierra Forest-SP (E-core) Granite Rapids-SP (P-core) Clearwater Forest-SP (E-core)
CPU Socket	LGA 4710 For Xeon 6 SP Processor
Chipset	N/A
Security Acceleration	Intel® QuickAssist Technology (By CPU)
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 6400MT/s REG-RDIMM Or DDR5 8800MT/s MR-DIMM
Max. Capacity	1024GB For RDIMM (128GB/DIMM) 512GB For MR-DIMM (64GB/DIMM)
Socket	8x 288-pin DIMM
Networking	
Ethernet Ports	2x GbE RJ45
Bypass	N/A
NIC Module Slot	SKU A: 8x NCS2 or 4x N2S SKU B: 4x NCS2 or 2x N2S
LOM	
IO Interface	NCSI (Shared With BMC MGMT)
OPMA Slot	Yes, For IAC-AST2601A
I/O Interface	
Reset Button	1
LED	Power/Status
Power Button	N/A
Console	1x RJ45
USB	2x USB 3.0
LCD Module	N/A
Display	1x Mini Display Port (VGA Signal)

Power Input	N/A
Storage	
HDD/SSD Support	2x U.2 NVME SSD KIT (Optional)
Onboard Slots	N/A
Expansion	
PCIe	Rear: 2x FHHL Single-Deck PCIe Gen5 Cards (Optional) Front: SKU A: N/A SKU B: 2x FHFL Double-Deck PCIe Gen5 Cards Up To 600W (Optional)
mini-PCIe or M.2	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Onboard
Cooling	
Processor	Passive CPU Heatsink
System	4x Smart Fans
Environmental Parameters	
Temperature	0~40°C Operating -40~70°C Non-Operating
Humidity (RH)	5~95% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	TBD
Weight	TBD
Package Dimensions	
(WxDxH)	TBD
Weight	TBD
Power	
Type / Watts	SKU A: 1200W AC 1+1 Redundant PSU SKU B: 2000W AC 1+1 Redundant PSU

Product I/O View

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A 2x U.2 (Optional)

B NIC Modules (By SKU)

C Ethernet Ports/LOM/Console

D Status LEDs

E Mini DP

F USB 3.0

G Power On/Off

H Fans

I PSU

Dimensions (WxDxH) 438 x 650 x 88 mm

Ordering Information

NCA-6050A Intel Xeon 6 Family Processors, 8x NCS2 Or 4x N2S NIC, 4x Smart Fans, 1200W AC 1+1 Redundant PSU

NCA-6050B Intel Xeon 6 Family Processors, 4x NCS2 Or 2x N2S NIC, 2x FHFL (Double-Deck) PCIe Gen5 Cards, 4x Smart Fans, 2000W AC 1+1 Redundant PSU