

NCA-6530

2U 19" Rackmount Network Appliance Built 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
- 24x 288-pin DDR5 4800MHz R-DIMM, Max. 1536GB
- 8x NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 1x LOM, 2x USB 3.0
- 2x PCIe x16 FH/HL Or 2x PCIe x16 FH/FL (By SKU)
- HDD/SSD: 2x 2.5" (SKU A & C)
- 2x M.2-2280 (NVME), 1x M.2-2280 (SATA)
- 6x Individual Hot-swappable Fans, 1600W/2000W 1+1 ATX Redundant PSUs
- Intel® QuickAssist Technology

■ Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	5th Gen Intel® Xeon® Scalable Processors (Codenamed Emerald Rapids)
CPU Socket	2 x LGA4677
Chipset	Intel® C741
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 4800MHz R DIMM
Max. Capacity	1536GB
Socket	24 x 288-pin DIMM
Networking	
Ethernet Ports	2 x GbE RJ45 Intel® i350-AM2
Bypass	Depending on NIC Module Specifications
NIC Module Slot	8
LOM	
IO Interface	1 x RJ45
OPMA Slot	IPMI Onboard
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	Yes
Display	1 x VGA (Internal Pin Header)
Power Input	AC Power Inlet on PSU
Storage	
HDD/SSD Support	SKU A & C: 2 x 2.5" Swappable
Storage Expansion	2x M.2 NVME 2280; 1x M.2 2280 SATA

Expansion	
PCIe	SKU A: N/A (Default); 2x PCIe x16 FH/HL Dual Slots (Optional)
	SKU C: N/A (Default); 2x PCIe x16 FH/FL Dual Slots (Optional)
Mini-PCIe	N/A
SIM Slot	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	TPM2.0 (Optional)
Cooling	
Processor	Passive CPU Heatsink
System	6 x Individual Hot-swappable Cooling Fans With 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	
(WxHxD)	438mm x 760mm x 88mm
Weight	21.2kg
Package Dimensions	
(WxHxD)	588mm x 926mm x 303mm
Weight	31.2kg
Power	
Type / Watts	1600W/2000W 1+1 ATX Redundant PSUs
Input	AC 200~240V @50~60 Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL

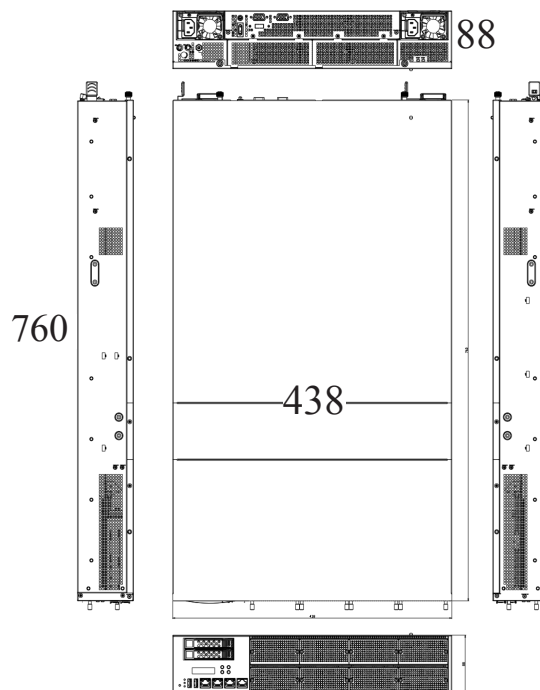
■ Product I/O View

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



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|-------------------------------|------------------------|-------------------------------------|-----------------------|
| A 2x 2.5" HDD/SSD Bays | E 2x USB3.0 | I Power Supply & Power Inlet | M Power Switch |
| B NIC Module Slots | F 2x RJ45 (LAN) | J PCIe Slots | N Alarm Reset |
| C Reset Button | G LOM | K USB | O ESD Jack |
| D LED | H Console | L VGA or Console | P Ground Holes |

■ Dimensions (WxHxD): 438 x 760 x 88 mm



■ Ordering Information

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| NCA-6530A | 5th Gen Intel® Xeon® Scalable Processors (350W), 2x GbE RJ45 MGMT, AST2600 MGMT With 1600W 1+1 Redundancy PSU, 2x 2.5"HDD |
| NCA-6530C | 5th Gen Intel® Xeon® Scalable Processors (185W), 2x GbE RJ45 MGMT, AST2600 MGMT With 2000W 1+1 Redundancy PSU, 2x 2.5"HDD, Optional Support For Up To 300W GPU Double Side At Rear |

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