

NCA-6530

2U 19" Rackmount Network Appliance Built
With Intel® Xeon® Processor Scalable Family



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

■ Features

- Intel® Xeon® 4th/5th Processor Scalable Family (Codenamed Sapphire Rapids-SP/Emerald Rapids-SP)
- 24x 288-pin DDR5 5600MHz 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" SATA (SKU A & C), 12x 2.5" NVMe (SKU B & D)
- 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

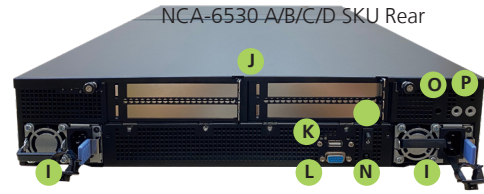
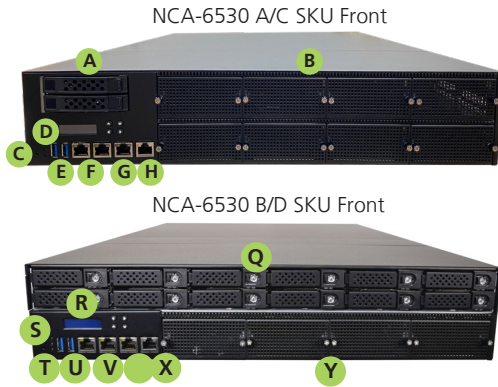
■ Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	Intel® Xeon® 4th/5th Processor Scalable Family (Sapphire Rapids-SP/Emerald Rapids-SP)
CPU Socket	2 x LGA4677
Chipset	Intel® C741
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 5600MHz 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 Or 4 (By SKU)
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 (Intenal Pin Header)
Power Input	AC Power Inlet on PSU
Storage	
HDD/SSD Support	SKU A & C: 2 x 2.5" SATA Storage SKU B & D: 12 x 2.5" NVMe Swappable

Storage Expansion	2x M.2 NVME 2280; 1x M.2 2280 SATA
Expansion	
PCIe	SKU A & B: N/A (Default); 2x PCIe x16 FH/HL Dual Slot Size (Optional) SKU C & D: N/A (Default); 2x PCIe x16 FH/FL Dual Slot Size (Optional)
Mini-PCIe	N/A
SIM Slot	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	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 (A/C SKU) 18.1kg (B/D SKU)
Package Dimensions	
(WxHxD)	588mm x 926mm x 303mm
Weight	31.2kg (A/C SKU) 25.6kg (B/D SKU)
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

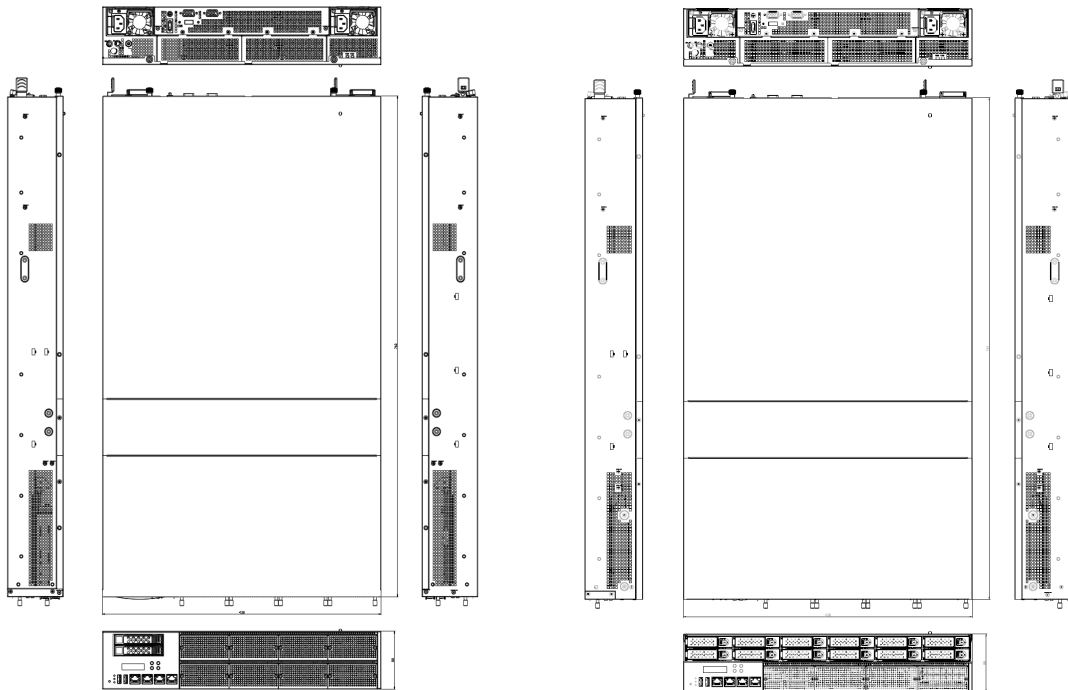
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- A** 2x 2.5" HDD/SSD Bays
- B** NIC Module Slots
- C** Reset Button
- D** LED
- E** 2x USB3.0
- F** 2x RJ45 (LAN)
- G** LOM
- H** Console

- I** Power Supply & Power Inlet
- J** PCIe Slots
- K** USB
- L** VGA or Console
- M** Power Switch
- N** Alarm Reset
- O** ESD Jack
- P** Ground Holes
- Q** 12x 2.5" NVME SSD Bays
- R** LCM
- S** Reset Button
- T** LED
- U** USB
- V** LAN
- W** LOM
- X** Console
- Y** NIC Slots

Dimensions (WxHxD): 438 x 760 x 88 mm



Ordering Information

- NCA-6530A** Up To 2x Sapphire Rapids-SP (350W), 2x GbE RJ45 MGMT, AST2600 MGMT With 1600W 1+1 Redundancy PSU, 2x 2.5" SATA HDD/SSD
- NCA-6530B** Up To 2x Sapphire Rapids-SP (350W), 2x GbE RJ45 MGMT, AST2600 MGMT With 1600W 1+1 Redundancy PSU, 12x 2.5" NVME SSD
- NCA-6530C** Up To 2x Sapphire Rapids-SP (185W), 2x GbE RJ45 MGMT, AST2600 MGMT With 2000W 1+1 Redundancy PSU, 2x 2.5" SATA HDD/SSD
- NCA-6530D** Up To 2x Sapphire Rapids-SP (185W), 2x GbE RJ45 MGMT, AST2600 MGMT With 2000W 1+1 Redundancy PSU, 12x 2.5" NVME SSD

V1-2024.12.24