

NCA-5530

1U 19" Rackmount Network Appliance Built with Intel® Xeon® Scalable Family Processors (Codenamed Ice Lake SP)



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

Features

- Intel® Xeon® Scalable Family Processors (Codenamed Ice Lake SP)
- 1x GbE RJ45 Intel i210, 1x RJ45 Console, 4x or 2x NIC Slots
- 8x 288pin DDR4 2133/2400/2666/2933/3200 MHz RDIMM/LRDIMM, Max. 512GB
- 2x USB 3.0, 2x 2.5" Internal HDD/SSD Bays
- Intel® QuickAssist Technology (By SKU)
- 550W 1+1 Redundant PSUs, 5x or 4x Hot-swappable Fans

Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Xeon® Scalable Family Processors (Ice Lake SP)
CPU Socket	1 x LGA4189
Chipset	Intel® C621A/C629A
Security Acceleration	Intel® QuickAssist Technology (By SKU)
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2133/2400/2666/2933/3200MHz RDIMM / LRDIMM
Max. Capacity	512GB
Socket	8 x 288-pin DIMM
Networking	
Ethernet Ports	1 x GbE RJ45 Intel i210
Bypass	Depending On NIC Module Specifications
NIC Module Slot	4 or 2
LOM	
IO Interface	1 x RJ45 *Share with ETH0
OPMA Slot	Yes
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 (Optional)
Display	From OPMA Slot (Optional)
Power Input	AC Power Inlet on PSU
Storage	
HDD/SSD Support	2 x 2.5" Internal Bays
Onboard Slots	1 x M.2-2280, M Key

Expansion	
PCIe	N/A (Default); 1x PCI-E*8 FH/HL (By Project)
mini-PCIe or M.2	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes (Optional TPM2.0)
Cooling	
Processor	Passive CPU Heatsink
System	5 x Or 4 x Individual Hot-swappable Cooling Fans w/ Smart Fan (By SKU)
Environmental Parameters	
Temperature	0~40°C Operating -20~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438mm x 610mm x 44mm
Weight	10.5kg
Package Dimensions	
(WxDxH)	739mm x 215mm x 582mm
Weight	18.5kg
Power	
Type / Watts	550W 1+1 ATX Redundant PSUs
Input	AC 100V~240V @47~63Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL

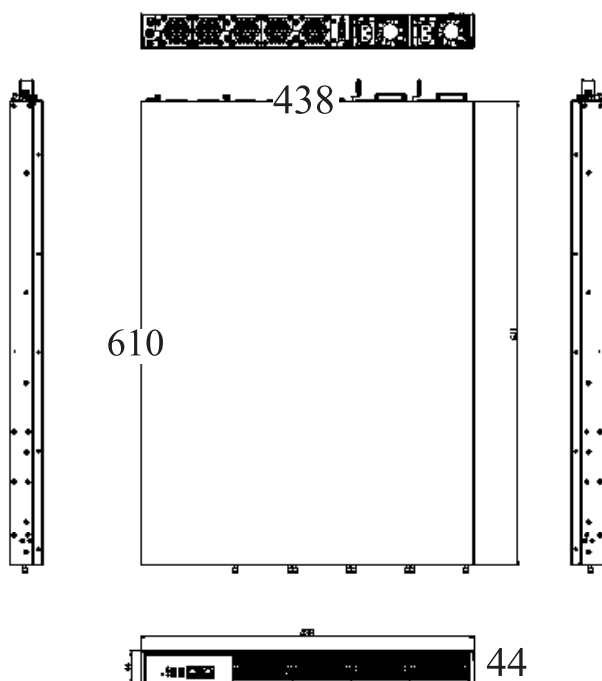
Product I/O View

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



- A Reset Button
- B System LED
- C 2x USB 3.0
- D RJ45 (MGMT & Share LOM)
- E RJ45 (Console)
- F NIC Slots (By SKU)
- G Redundant PSUs
- H Fans (By SKU)

Dimensions (WxDxH): 438 x 610 x 44 mm



Ordering Information

NCA-5530A	1x Ice Lake-SP (205W), PCH C629A, 1x GbE RJ45 MGMT, 4x NIC Slots, 5x Fans, 550W 1+1 Redundant PSUs
NCA-5530B	1x Ice Lake-SP (205W), PCH C621A, 1x GbE RJ45 MGMT, 4x NIC Slots, 5x Fans, 550W 1+1 Redundant PSUs
NCA-5530C	1x Ice Lake-SP (165W), PCH C621A, 1x GbE RJ45 MGMT, 2x NIC Slots, 4x Fans, 550W 1+1 Redundant PSUs