

# NCA-6520

## 2U 19" Rackmount Network Appliance Built With 3rd Gen Intel® Xeon® Scalable Processor (Codenamed Ice Lake SP)



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

### ■ Features

- Dual 3rd Gen Intel® Xeon® Scalable Processor With PCIe 4.0 Support
- 24x DDR4 Memory Slots With NUMA support, Max. 1536GB
- 8x NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 1x LOM, 2x USB 3.0
- 2x PCI-E\*16 FH/FL (By Project), 3x M.2-2280, M Key
- 100G Intel® QuickAssist Technology
- Optional TPM 2.0 & Intel SGX Support
- 4x Individual Hot-swappable Fans, 850W 1+1 ATX Redundant PSUs

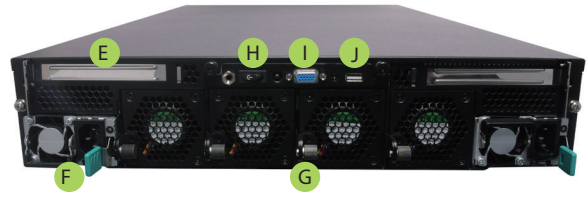
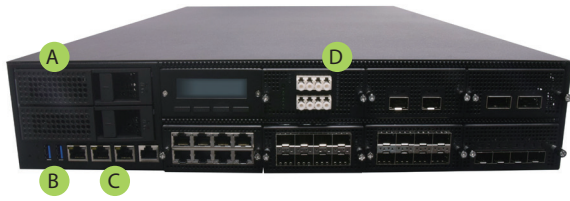
### ■ Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	3rd Gen Intel® Xeon® Scalable Processor (Codenamed Ice Lake SP)
CPU Socket	2 x LGA4189
Chipset	Intel® C627A
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2133/2400/2666/2933/3200 MHz R-DIMM / LRDIMM
Max. Capacity	1536GB
Socket	24 x 288-pin REG 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 Chip 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	N/A (Optional)
Display	1 x VGA (Internal Pin Header)
Power Input	AC Power Inlet on PSU
Storage	
HDD/SSD Support	2 x 3.5" or 2.5" Internal Bays
Onboard Slots	3 x M.2-2280, M Key

Expansion	
PCIe	2 x PCI-E*16 FH/FL (By Project)
mini-PCIe	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	TPM2.0 (Optional)
Cooling	
Processor	Passive CPU Heatsink
System	4 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 720mm x 88mm
Weight	19.3kg
Package Dimensions	
(WxHxD)	588mm x 997mm x 250mm
Weight	32kg
Power	
Type / Watts	850W 1+1 ATX Redundant PSUs
Input	AC 100~240V @47~63Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL

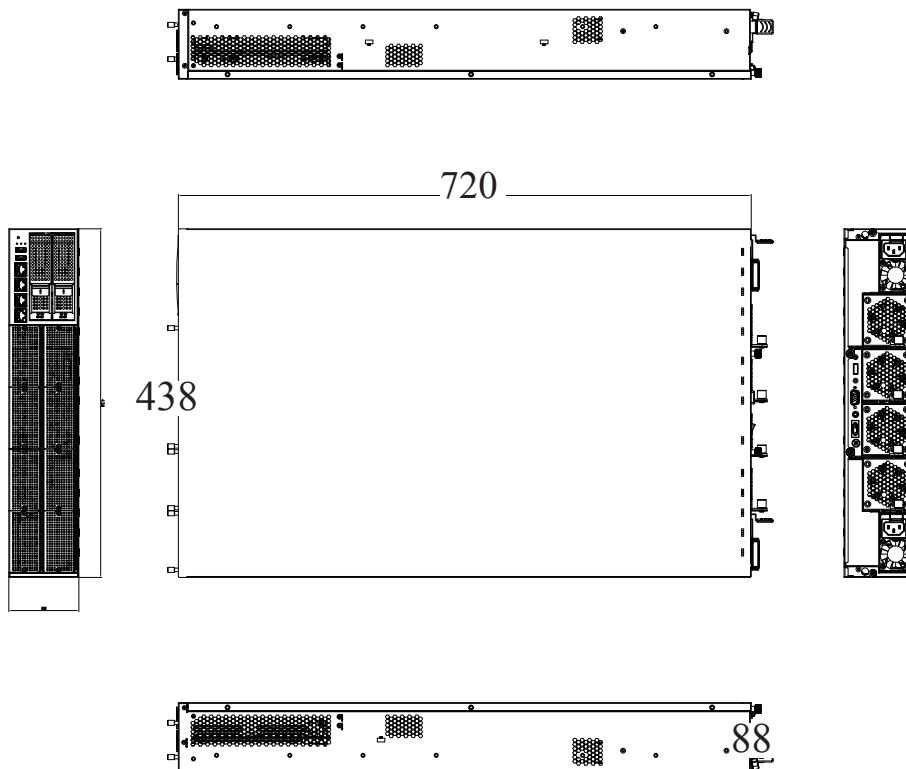
## Product I/O View

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



- A 2x HDD/SSD Bays
- B 2x USB3.0
- C 2x GbE RJ45 & 1x LOM & 1x Console (front)
- D 8x NIC Module Slots
- E 2x PCI-E\*16
- F Power Supply Units
- G Swappable Fans
- H Power Switch
- I VGA or Console (Optional)
- J 1x USB 2.0 (Optional)

## Dimensions (WxHxD): 438 x 720 x 88 mm



## Ordering Information

- NCA-6520A Up to 2x Ice Lake-SP(270W) / PCH C627A / 2x GbE RJ45 MGMT / AST2500 MGMT with 850W 1+1 Redunduent PSU
- NCA-6520B Up to 2x Ice Lake-SP(185W) / PCH C627A / 2x GbE RJ45 MGMT / AST2500 MGMT with 1300W 1+1 redunduent PSU /Support GPU Card

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**Lanner**

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