

NCA-5550

High Performance 1U Rackmount Network Security Appliance Powered By Intel® Xeon® 6 SP Processor With P-cores & E-cores



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

■ Features

- Intel® Xeon6® Processor Family Sierra Forest-SP (E-core)/Granite Rapids-SP (P-core)/Clearwater Forest-SP (E-core)
- 2x GbE RJ45, 1x RJ45 Console, 4x NCS2 Or 2x N2S NIC Modules
- Max. 1024GB DDR5 6400MHz RDIMM
- 2x USB 3.0, 1x M.2 NVMe, 1x U.2 NVMe SSD (Optional)
- Intel® QuickAssist Technology (By SKU)

■ Specifications

Platform	
Form Factor	1U 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	LGA4710 For Xeon 6 SP Processor
Chipset	N/A
Security Acceleration	Intel® QuickAssist Technology (By SKU)
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 6400 MT/s REG-DIMM
Max. Capacity	1024GB
Socket	8 x 288-pin DIMM
Networking	
Ethernet Ports	2 x 1Gb RJ45 Intel® i210
Bypass	Depends On NIC Module Specifications
NIC Module Slot	4 Or 2 (By SKU)
LOM	
IO Interface	1x RJ45
OPMA Slot	Yes, For IAC-AST2601
I/O Interface	
Reset Button	1
LED	Power
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 Mini Display Port
Power Input	AC Power Inlet On PSU
Storage	

HDD/SSD Support	1 x U.2 NVMe SSD Kit (Optional)
Onboard Slots	1 x M.2 2280 NVMe
Expansion	
PCIe	1 x 3/4"PCIe Card Support (By SKU)
mini-PCIe or M.2	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes (TPM 2.0)
Cooling	
Processor	Passive CPU Heatsink
System	5 x Smart Fans
Environmental Parameters	
Temperature	0~40°C Operating -40~70°C Non-Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
(WxDxH)	438 x 670 x 88 mm
Weight	25 kg
Package Dimensions	
(WxDxH)	-
Weight	-
Power	
Type / Watts	1200W CRPS AC PSU
Input	AC 100~127V @50~60Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UKCA, UL

■ Product I/O View

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



- A 1 x Console
- B 2 x RJ45 Ports
- C Display Port
- D Status LEDs

- E 2 x USB Ports
- F 4 x NCS2 Or 2 x N2S NIC Slots
- G PSUs
- H Cooling Fans

■ Dimensions (WxDxH) 438 x 670 x 88 mm

■ Ordering Information

NCA-5550A	Intel® Xeon®6 -SP Processosr, 4x NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 2x USB 3.0, 2x 1200W 1+1 Redundancy PSU, 5x Individual Hot-swappable Fans
NCA-5550B	Intel® Xeon®6 -SP Processosr, 2x NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 2x USB 3.0, 2x 1200W 1+1 Redundancy PSU, 5x Individual Hot-swappable Fans, Support For 1x 3/4"PCIe Card

NCA-5550

V1-2025.09.04

Lanner

© Lanner Electronics Inc. All rights reserved.
All product specifications are subject to change without notice.
connect@lannerinc.com | www.lannerinc.com