

NCA-6250

Next-Gen Network Security Appliance Powered By
Intel Xeon 6 Processor With P-cores



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

Features

- Dual Intel® Xeon® 6 Processors With P-cores & E-cores
- 16x RAM Max. 1536GB DDR5 6400MT/s REG DIMM
- 8x NCS2 Or 4x N2S NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 1x LOM, 2x USB 3.0
- 2x U.2 Hot-swappable NVMe, 3x M.2 NVMe Storage
- 2x Single-Deck Or 1x Double-Deck PCIe Gen5 FH3/4L GPU Cards Support
- 4x Individual Hot-swappable Fans, 1+1 Redundant PSUs

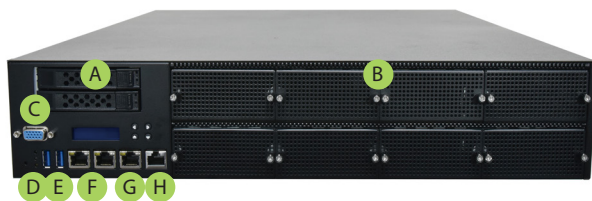
Specifications

Platform	
Form Factor	2U 19" Rackmount
Processor Options	2x Intel® Xeon® 6 SP Processors With P cores & E cores
CPU Socket	2x LGA4710
Chipset	ASPEED AST2600 BMC Chip
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 6400MT/s REG DIMM
Max. Capacity	1536GB (RDIMM)
Socket	16x 288-pin DIMM
Networking	
Ethernet Ports	2x GbE RJ45 Intel® i350-AM2
Bypass	N/A
NIC Module Slot	8x PCIe*8 Gen5 Slim-type NCS2 Or 4x PCIe*16 Gen5 N2S NIC Modules
LOM	
IO Interface	1x LOM Port Via BMC
OPMA Slot	BMC AST2600 On IPMI Card
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1x ATX Power Switch
Console	1x RJ45
USB	2x USB 3.0
LCD Module	Yes
Display	1 x VGA
Power Input	AC Power Inlet on PSU
Storage	
HDD/SSD Support	2x 2.5" U.2 NVMe SSD Hot-swappable

Onboard Slots	- 1x M.2 22110/2280/2242, M Key NVME (1x PCIe*4 Gen5) - 1x M.2 2280/2242, M Key NVME (1x PCIe*4 Gen5) - 1x M.2 2242 (1x PCIe*4 Gen5) Or M.2 3042 For PCIe To SATA Module
Expansion	
PCIe	1x Double-deck FH ¾L (10.5") PCIe*16 Gen5 GPU Card (Max 150W) Or 2x Single-deck FH ¾L (10.5") PCIe*16 Gen5 GPU card (Max 75W maiEach)
mini-PCIe	N/A
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Optional
Cooling	
Processor	2x Passive CPU Heatsink
System	4 x Cooling 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)	438mm x 88mm x 650mm
Weight	15.3kg
Package Dimensions	
(WxDxH)	588mm x 315mm x 824mm
Weight	25.3kg
Power	
Type / Watts	CRPS 1200W/2000W 1+1 Redundant Module
Input	AC 200~240V @50~60Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL, UKCA, VCCI

Product I/O View

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



- A 2x 2.5" HDD/SSD Bays
- B NIC Slots
- C VGA
- D Status LED
- E 2x USB3.0



- F 2x RJ45 (LAN)
- G LOM
- H Console
- I 4x Individual Hot-swappable Fans
- J 1+1 Redundant PSUs

Dimensions (WxHxD): 438 x 610 x 88 mm

Ordering Information

NCA-6250A 2x Intel® Xeon® 6 Processor W/ P-cores, 8x Or 4x NIC Slots, 2x GbE RJ45, 1x RJ45 Console, 1x LOM, 2x USB 3.0, 2x Gen5 PCIe*16, 3x M.2 Onboard Slots, 2x 1200W 1+1 Redundancy PSU, 4x Individual Hot-swappable Fans

NCA-6250

V1-2025.10.01

Lanner

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