NCA-4240

1U 19” Rackmount Appliance With Intel® Alder Lake S/Raptor Lake S/Raptor Lake S Refresh Processor

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

Features

- Intel® Alder Lake S/Raptor Lake S/Raptor Lake S Refresh Processor With H610E/Q670E Chipset
- 1x GbE RJ45, 8x 2.5GbE RJ45, 1x NIC Module
- 3x Pairs Of Gen 3 SE LAN Bypass
- 2x 288-pin DIMM DDR5 5600 MHz (Max. 64GB)
- 2x USB 3.0 Ports, 2x 2.5” HDD/SSD
- 1x PCIe*8 FH/HL, 1x M.2 2230 (E Key)
- 4x Smart Fans

Specifications

Platform	
Form Factor	1U 19” Rackmount
Processor Options	Intel® Alder Lake S/Raptor Lake S/ Raptor Lake S Refresh
CPU Socket	1 x LGA1700
Chipset	Intel® H610E/Q670E
Security Acceleration	N/A
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 5600 Non-ECC UDIMM
Max. Capacity	64GB
Socket	2 x 288-pin DIMM
Networking	
Ethernet Ports	1 x GbE RJ45 With LED MGMT Via i219 8 x 2.5GbE RJ45 With LED Via i226
Bypass	3 Pairs Gen3 SE
NIC Module Slot	1
LOM	
IO Interface	N/A
OPMA Slot	N/A
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	2 x 20 Character LCM
	4 x Keypads
Display	N/A
Power Input	AC Power Inlet on PSU
Storage	
HDD/SSD Support	2 x 2.5” HDD/SSD
Onboard Slots	SKU A: 1 x M.2 2242 (M Key) SATA SKU B: 1 x M.2 2242 (M Key) SATA & 1 x M.2 2280 (M Key) NVME (PCIe Gen4 x 4)
Expansion	
PCIe	1 x PCIE x8 Gen4 FH/HL (SKU B Only)
mini-PCIe or M.2	1 x M.2 2230 E Key (SKU B Only)
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	N/A
Cooling	
Processor	Passive CPU Heatsink
System	3 x Cooling Fans With Smart Fan
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 321 x 44 mm
Weight	19.3 kg
Package Dimensions	
(WxDxH)	588 x 494 x 185 mm
Weight	TBA
Power	
Type / Watts	220W ATX Single PSU
Input	AC 90~264V @47~63 Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UKCA, UL

Product I/O View

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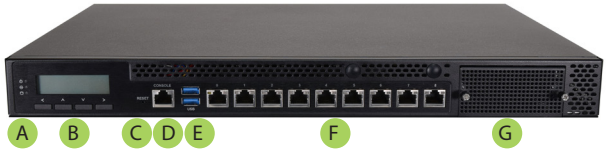
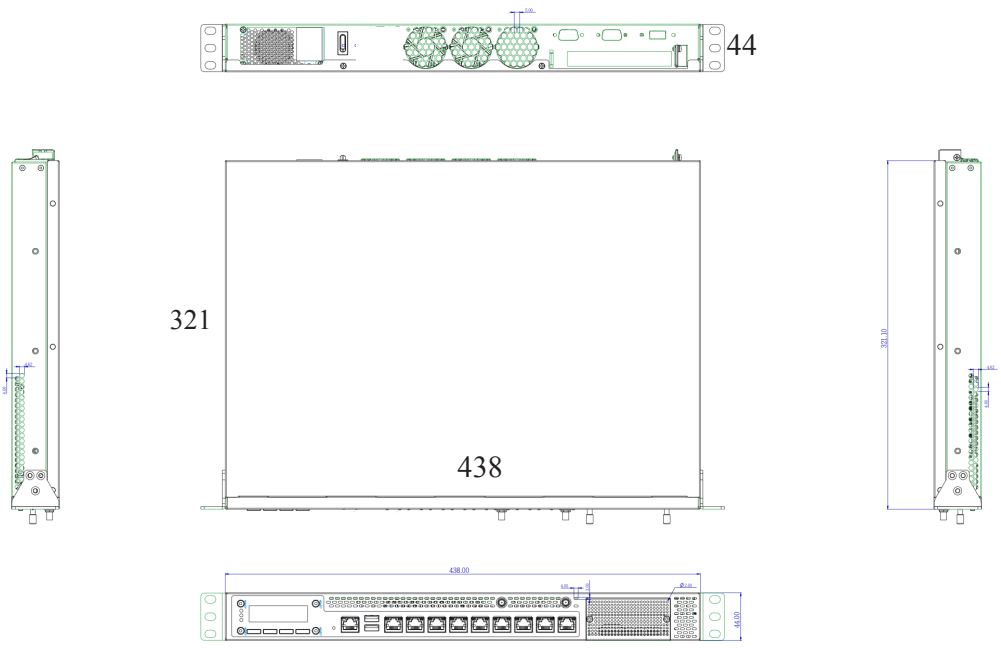


- A LED
- B LCM & Keys
- C Reset Button
- D Console Port
- E USB 3.0
- F LAN Ports
- G NIC Slot
- H PCIe Slot
- I Cooling Fans
- J Power On/Off
- K Power Inlet

Dimensions (WxDxH) 438 x 321 x 44 mm



Ordering Information

NCA-4240A	Intel Alder Lake-S/Raptor Lake S/Raptor Lake S Refresh Processor, PCH H610E, 2x DDR5 U-DIMM, 1x Gbe RJ45, 8x 2.5 Gbe RJ45 With 3 Pairs of Bypass, 1x RJ45 Console, 1x NIC Module Slot (1x PCIE*8), Single PSU
NCA-4240B	Intel Alder Lake-S/Raptor Lake S/Raptor Lake S Refresh Processor, PCH Q670E, 2x DDR5 U-DIMM, 1x Gbe RJ45, 8x 2.5 GbE RJ45 With 3 Pairs of Bypass, 1x RJ45 Console, 1x NIC Module Slot (1x PCIE*8), Single PSU

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connect@lannerinc.com | www.lannerinc.com