

NCA-4240C

1U 19" Rackmount Appliance With
Intel® 14th Gen Core™ i9 Processor



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

■ Features

- Intel® 14th Gen Core™ i9-14900 With Q670E Chipset (Codenamed Raptor Lake S Refresh)
- 6x 10GbE SFP+, 8x 2.5GbE RJ45, 1x 1GbE RJ45, 1x NIC Module
- 3x Pairs Of Gen 3 SE LAN Bypass
- 2x 288-pin DIMM DDR5 5600 MHz (Max. 32GB)
- 2x USB 3.0 Ports, 2x 2.5" HDD/SSD
- Certified by Intel OpenVINO for AI-accelerated Security Applications

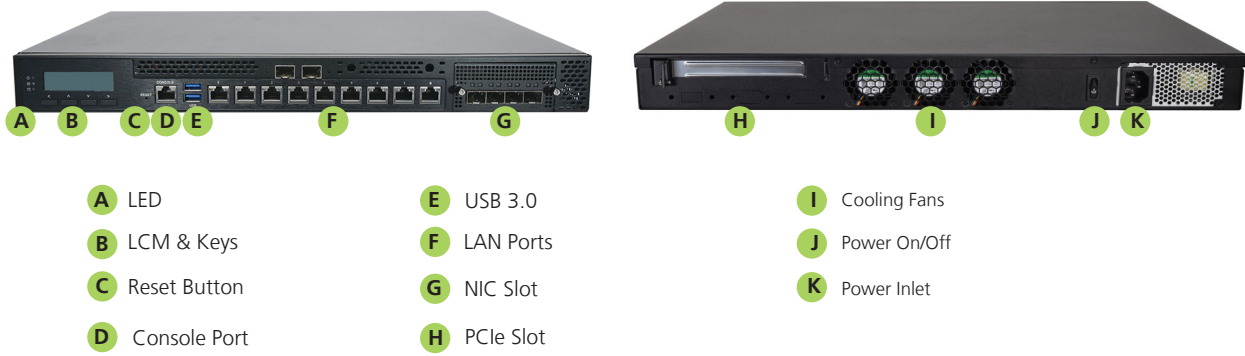
■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® 14th Gen Core™ i9-14900 CPU
CPU Socket	1 x LGA1700
Chipset	Intel® Q670E
Security Acceleration	N/A
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 5600 Non-ECC UDIMM
Max. Capacity	32GB
Socket	2 x 288-pin DIMM
Networking	
Ethernet Ports	6 x 10GbE SFP+ 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

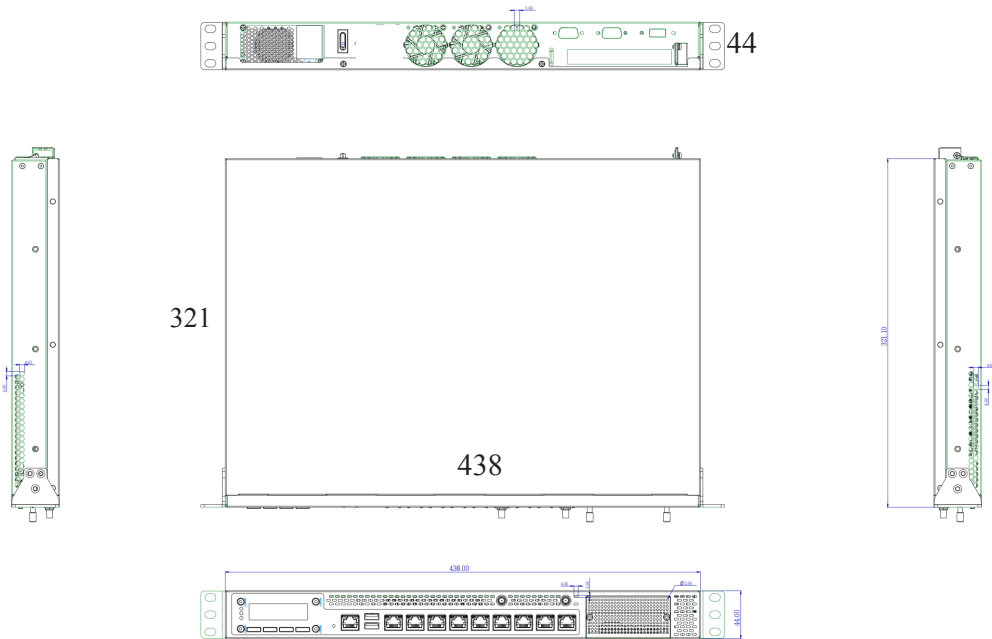
Storage	
HDD/SSD Support	2 x 2.5" HDD/SSD
Onboard Slots	NVME (PCIe Gen4 x 4)
Expansion	
PCIe	1 x PCIe x8 Gen4 FH/HL
mini-PCIe or M.2	1 x M.2 2230 E Key
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Optional
Cooling	
Processor	Passive CPU Heatsink
System	3 x Smart Fans
Environmental 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 321 x 44 mm
Weight	4.71 kg
Package Dimensions	
(WxDxH)	588 x 494 x 185 mm
Weight	8.55 kg
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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Dimensions (WxDxH) 438 x 321 x 44 mm



Ordering Information

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Intel® 14th Gen Core™ i9-14900 Processor With Q670E, 2x DDR5 UDIMM 5600MHz 32Gb, 8x 2.5GbE RJ45 with 3 Pairs Of Bypass, 1x 1GbE RJ45 MGMT i219, 2x 10GbE SFP+ on IO-4240IX201A (Intel Fortville XL710), 4x 10GbE SFP+ on NIC module: NCS2-IXM407A (Intel Fortville XL710), 1x LCM, 1x 220W Single PSU

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