

NCA-4242

1U 19" Rackmount Appliance With Intel® 12th/13th/14th Gen Core™ i9/i7/i5/i3, Pentium® Or Celeron® Processor



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

■ Features

- Intel® 12th/13th/14th Gen Core™ i9/i7/i5/i3, Pentium® Or Celeron® Processor With R680E Chipset
- 2x 10GbE SFP+, 8x 2.5GbE RJ45, 1x GbE RJ45, 1x NIC Module Slot
- 2x 288-pin DIMM DDR5 5600MT/s (Max. 96GB)
- 2x USB 3.0 Ports, 1x 2.5" HDD/SSD (Optional), 1x M.2 2280 NVMe, 1x M.2 2242 SATA
- BMC Support, 1x PCIe*8 FHHL (Optional), 1x M.2 2230 (CNVIO/ PCIE) For Wifi
- Single/Redundant PSU

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® 12th/13th/14th Gen Core™ i9/i7/i5/i3, Pentium® Or Celeron® Processor (Codename Alder Lake S/Raptor Lake S/ Raptor Lake Refresh/Bartlett Lake S)
CPU Socket	1 x LGA1700
Chipset	Intel® R680E
Security Acceleration	N/A
BIOS	AMI SPI Flash BIOS
System Memory	
Technolog	DDR5 5600MT/s ECC Or Non-ECC UDIMM
Max. Capacity	96GB
Socket	2 x 288-pin DIMM
Networking	
Ethernet Ports	2 x 10GbE SFP+ 8 x 2.5GbE RJ45 Intel® i226-LM 1 x GbE RJ45 MGMT Intel® i210
Bypass	N/A
NIC Module Slot	1
LOM	
IO Interface	N/A
OPMA Slot	Yes
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	1 x 2.5" Internal (Optional)
Onboard Slots	1 x M.2 2242 (SATA) 1 x M.2 2280 (NVMe)
Expansion	
PCIe	1 x PCIe*8 FHHL (Optional)
Mini-PCIe or M.2	1 x M.2 2230 (CNVIO/ PCIE) For Wifi (BT)
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 350 x 44 mm
Weight	5 kg
Package Dimensions	
(WxDxH)	588 x 579 x 227 mm
Weight	8.9 kg
Power	
Type / Watts	SKU A: 450W Redundant PSU SKU B: 220W Single PSU
Input	By SKU (See Ordering Information)
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UKCA

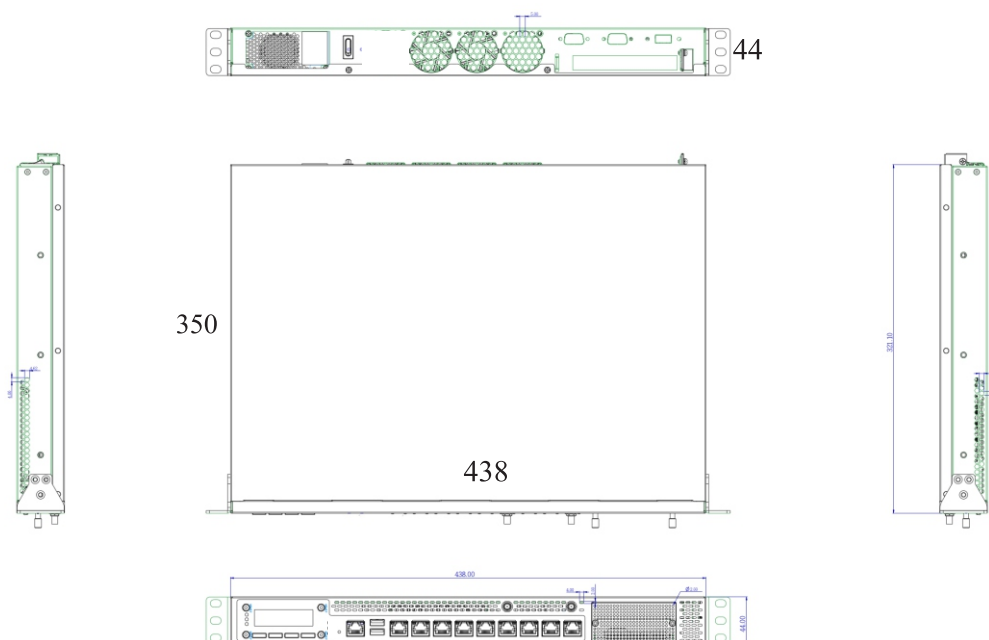
Product I/O View

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



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

Dimensions (WxDxH) 438 x 350 x 44 mm



Ordering Information

NCA-4242A

Intel® 12th/13th/14th Gen Core™ i9/i7/i5/i3, 2x DDR5 5600MHz ECC Or Non-ECC UDIMM, 8x 2.5GbE RJ45, 1x 1GbE RJ45 MGMT i210, 2x 10GbE SFP+ (Intel Fortville XL710), TPM2.0 Optional, 1x NCS2 Slot, 450W Redundant PSU (100-120V 6A 50-60Hz/200-240V 6A 50-60Hz)

NCA-4242B

Intel® 12th/13th/14th Gen Core™ i9/i7/i5/i3, 2x DDR5 5600MHz ECC Or Non-ECC UDIMM, 8x 2.5GbE RJ45, 1x 1GbE RJ45 MGMT i210, 2x 10GbE SFP+ (Intel Fortville XL710), TPM2.0 Optional, 1x NCS2 Slot, 220W Single PSU (100-240V @60-50Hz)