

NCA-2530

**1U Rackmount Platform Powered By
Intel® Atom® P6962-3/P6942-3 Processors
(Codenamed Grand Ridge)**

■ Features

- Intel Atom® P6962-3/P6942-3 Processors
- DDR5 5600MT/s ECC UDIMM, Max. 64GB
- 1x GbE RJ45, 4x 2.5G RJ45, 4x 10 GbE RJ45, 8x 25GbE SFP28
- 1x NIC Slot, 1x RJ45 Console, 2x USB 2.0, Support For 2 x 2.5" Internal HDD/SSD
- 450W Redundant PSUs Or 350W Single PSU



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

■ Specifications

Platform	
Form Factor	1U 19" Rackmount
CPU	Intel Atom® P6962-3/P6942-3
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR5 5600MT/s ECC UDIMM
Capacity	64GB
Socket	2 x 288pin DIMM
Networking	
Ethernet Ports	1 x GbE RJ45 Intel® i210-AT 4 x 2.5G RJ-45 via GPHY241 4 x 10 GbE RJ45 via 4xRealtek 8261D 8 x 25GbE SFP28 via SerDes
Bypass	N/A
NIC Module Slot	1
I/O Interface	
Reset Button	1
LED	Power/Status/Storage
Power Button	1
Console	1 x RJ45
USB	2 x USB 2.0
LCD Module	N/A
Display	N/A
Power Input	AC Power Inlet On PSU
Storage	
HDD/SSD Support	2 x 2.5" Internal
Onboard Slots	1 x M.2 2280 M Key (NVMe)
Expansion	
PCIe	1 x PCIe*8 MCIO Connector (Optional)
Mini-PCIe/M.2	N/A
SIM Card Slot	N/A

Miscellaneous	
Internal RTC with Li Battery	Yes
TPM	TPM 2.0
Cooling	
Processor	Passive CPU Heatsink
System	2x Cooling Fans With Smart Fan
Environmental Parameters	
Temperature	0 to 40°C Operating -20 to 70°C Non-Operating
Humidity (RH)	5 to 90% Operating 5 to 95% Non-Operating
System Dimensions	
(WxDxH)	438 x 319.8 x 44 mm
Weight	TBD
Package Dimensions	
(WxDxH)	TBD
Weight	TBD
Power	
Type / Watts	450W Redundant PSUs 350W Single PSU
Input	AC 100~240V@50~60 Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL, UKCA

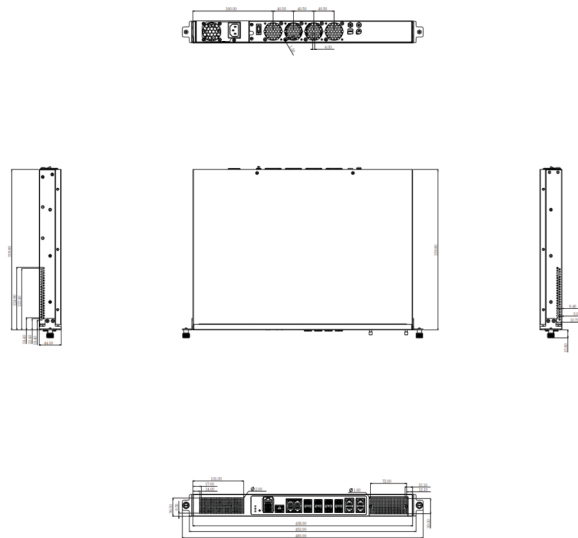
Product I/O View

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|----------------------|--------------------|------------------------|
| A LED | E 2.5G RJ45 | I Fans |
| B Console/USB | F 25G SFP28 | J Power Switch |
| C Reset | G 10G RJ45 | K Redundant PSU |
| D MGMT/RJ45 | H NIC Slot | |

Dimensions (WxDxH) 438 x 319.8 x 44 mm



Ordering Information

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|------------------|---|
| NCA-2530A | Intel Grand Ridge 24C P6962-3, 1x GbE MGMT, 8x 25GbE SFP28, 4x 10GbE RJ45, 4x 2.5GbE RJ45, 1x NIC Module, 450W Redundant PSUs |
| NCA-2530B | Intel Grand Ridge 16C P6942-3, 1x GbE MGMT, 8x 25GbE SFP28, 4x 10GbE RJ45, 4x 2.5GbE RJ45, 1x NIC Module, 450W Redundant PSUs |
| NCA-2530C | Intel Grand Ridge 24C P6962-3, 1x GbE MGMT, 8x 25GbE SFP28, 4x 10GbE RJ45, 4x 2.5GbE RJ45, 1x NIC Module, 350W Single PSUs |
| NCA-2530D | Intel Grand Ridge 16C P6942-3, 1x GbE MGMT, 8x 25GbE SFP28, 4x 10GbE RJ45, 4x 2.5GbE RJ45, 1x NIC Module, 350W Single PSUs |