

NCA-2523

Multi-core x86 Network Appliance With Intel® Atom C5325/C5315 CPU (Codename Parker Ridge)



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

Features

- Intel® Atom C5325/C5315 CPU (Codename Parker Ridge)
- DDR4 2933MHz, SO-DIMM, Max. 64GB
- 8x GbE RJ45, 2x 10G SFP+, 2x USB 3.0, 1x Console
- Support For 1x NIC Module (By SKU), 2x Pairs Of Bypass
- 1x Gen3 PCI-E*4, 1x Gen3 PCI-E*4 Via NIC Module (By SKU)
- 1x M.2 (USB3.0) 3042/3050/3052 For 5G/LTE
- Intel® QuickAssist Technology

Specifications

Platform	
Form Factor	1U 19" Rackmount
Processor Options	Intel® Atom C5325/C5315
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2933MHz ECC Or Non-ECC SODIMM
Max. Capacity	64GB
Socket	2x 260-pin DIMM
Networking	
Ethernet Ports	8x GbE RJ45, 2x 10GbE SFP+ (Default) 4x GbE RJ45 & 4x 10GbE RJ45 2x 10GbE SFP+ (By Project) 4x GbE RJ45 & 4x 10GbE SFP+ 2x 10GbE SFP+ (By Project)
Bypass	2 Pairs
NIC Module Slot	1 (By SKU)
LOM	
IO Interface	N/A
OPMA Slot	N/A
I/O Interface	
Reset Button	1x Reset Button, Software Reset
LED	Power/Status/Storage
Power Button	1
Console	1 x RJ45
USB	2 x USB 3.0
LCD Module	N/A
Display	N/A
Power Input	AC Power Inlet on PSU
Storage	

HDD/SSD Support	1x 2.5" Internal
Onboard Slots	1x M.2 2280 (SATA/PCIe*1 Signal)
Expansion	
PCIe	1 x Gen3 PCI-E*4 With NCS2 NIC Support (SKU A/C Only)
Mini-PCIe/M.2/SIM	1x M.2 (USB3.0) 3042/3050/3052 For 5G/LTE 1x Nano SIM Slot
PGN Module	1x PGN-750 Module Support
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Yes
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	8 kg
Package Dimensions	
(WxDxH)	600 x 550 x 195 mm
Weight	10.88 kg
Power	
Type / Watts	300W Redundant PSUs (SKU A/B) 350W Single PSU (SKU C/D)
Input	AC 90~264V@47~63Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class A, UL, UKCA

Product I/O View

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- A** PGN-750 Module
- B** Status LED
- C** 1x Console & 2x USB 3.0
- D** 8x GbE RJ45
- E** 2x 10G SFP+
- F** NCS2 NIC Slot (By SKU)
- G** 3x Smart Fans
- H** Power On/Off
- I** Power Inlet
- J** PSU (By SKU)

Dimensions (WxDxH): 438 x 321 x 44 mm

Ordering Information

NCA-2523A	Intel® Atom 8C C5325 With Intel QAT, 8x GbE RJ45, 2x 10G SFP+, 2 Pairs Of Bypass, 1x NIC Module, 300W Redundant PSUs
NCA-2523B	Intel® Atom 4C C5315 With Intel QAT, 8x GbE RJ45, 2x 10G SFP+, 2 Pairs Of Bypass, 300W Redundant PSUs
NCA-2523C	Intel® Atom 8C C5325 With Intel QAT, 8x GbE RJ45, 2x 10G SFP+, 2 Pairs Of Bypass, 1x NIC Module, 350W Single PSU
NCA-2523D	Intel® Atom 4C C5315 With Intel QAT, 8x GbE RJ45, 2x 10G SFP+, 2 Pairs Of Bypass, 350W Single PSU