

NCA-1525

Desktop Network Appliance Powered by
Intel® Atom® C5325/C5315 (Parker Ridge) CPU



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

■ Features

- Intel® Atom® C5325/C5315 CPU (Parker Ridge)
- 4x GbE RJ45, 2x 10G SFP+, 2x 2.5G RJ45 (PoE+ Support Optional)
- 2x 260-pin DDR4 2933/2400MHz, SODIMM, Max. 64GB
- 1x RJ45 Console, 2x USB 3.0, 2x Nano SIM for M.2
- 1x Mini-PCIe For Wifi, 2x M.2 3042/3052 B Key For 5G/LTE
- 20G/10G Intel QAT Security Acceleration

■ Specifications

Platform	
Form Factor	Desktop
Processor Options	Intel® Atom® C5325/C5315 (Parker Ridge)
Core Numbers	4/8 Cores
CPU Socket	Onboard
Chipset	SoC
Security Acceleration	Intel® QuickAssist Technology
BIOS	AMI SPI Flash BIOS
System Memory	
Technology	DDR4 2933/2400 MHz ECC/Non-ECC SODIMM
Capacity	64GB
Socket	2 x 260-pin SODIMM
Networking	
Ethernet Ports	4 x GbE RJ45 2 x 10GbE SFP+ 2 x 2.5GbE RJ45 (Optional PoE+ Support)
NIC Module Slot	N/A
I/O Interface	
Reset Button	1
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	2 x DC Jack With Lock
Storage	
HDD/SSD Support	1 x SATA
Expansion	
PCIe	N/A

Mini-PCIe/M.2	1 x Mini-PCIe (PCIe/USB2.0) 2 x M.2 3242/3052 B Key (USB3.0)
SIM Card Slot	2 x Nano SIM for M.2
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	SPI TPM 2.0
Cooling	
Processor	Passive CPU Heatsink
System	2 x Cooling Fans w/ 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)	251 x 200 x 44 mm
Weight	TBD
Package Dimensions	
(WxDxH)	TBD
Weight	TBD
Power	
Type / Watts	90W Power Adapter
Input	AC 100~240V @50~60 Hz
Certification	
Approvals and Compliance	RoHS, CE/FCC Class B (Without PoE+), UL, VCCI, UKCA

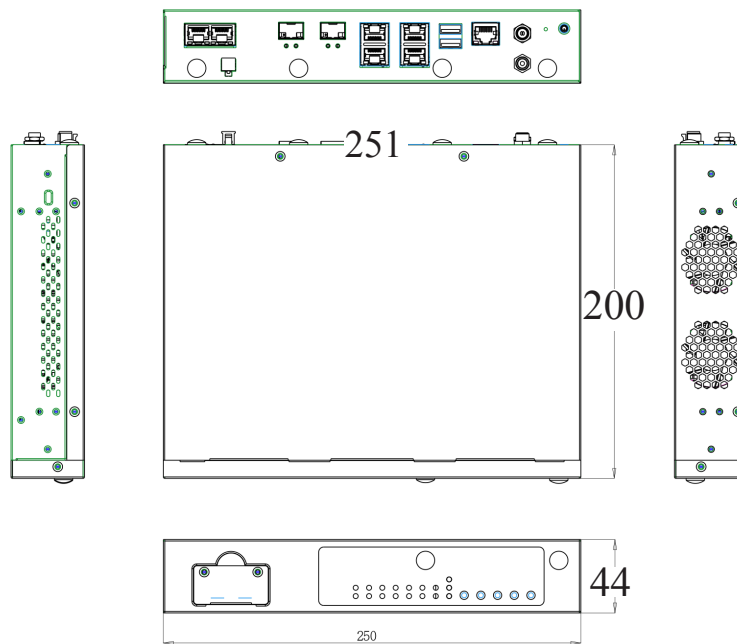
Product I/O View

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|-----------------------|------------------------|-------------------------|
| A Power On/Off | D 2x USB 3.0 | G 2x 2.5GbE RJ45 |
| B Reset | E 4x GbE RJ45 | H SIM Socket |
| C Console | F 2x 10GbE SFP+ | I LED |

Dimensions (WxDxH) 251 x 200 x 44 mm



Ordering Information

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|-----------|---|
| NCA-1525A | C5325, 8-core, 2x 2933MHz DDR4 SODIMM, Max. 64GB, 4x GbE RJ45, 2x 10GbE SFP+, 2x 2.5GbE RJ45, 90W Adapter |
| NCA-1525B | C5315, 4-core, 2x 2400MHz DDR4 SODIMM, Max. 64GB, 4x GbE RJ45, 2x 10GbE SFP+, 2x 2.5GbE RJ45, 90W Adapter |

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