

NCA-1220

Compact x86 Desktop Network Appliance with Intel Atom Processor C Series (Arizona Beach)



■ Features

- Intel Atom Processor C Series (Codename Arizona Beach)
- 4x 2.5GbE RJ45, 1x RJ45 Console, Support For 4x Ports PXE Function
- Max. 4GB LPDDR5 5200MHz Memory
- 2x USB 3.2, 4x Antenna Holes
- 2x M.2 For LTE/5G, 1x M.2 For Wifi/BT, 2x Nano SIM For 5G/LTE
- 1x Smart Cooling Fan

■ Specifications

Processor System

CPU	Intel Atom Processor C 1110/C 1100 (Arizona Beach)
Frequency	2.1 GHz
Core Number	4 Or 2
BIOS	AMI SPI Flash BIOS
Chipset	SoC

Memory

Technology	LPDDR5 5200MHz
Max. Capacity	4GB
Socket	N/A (Onboard)

Ethernet

Controller	Intel i226
Speed	10/100/1000 Mbps
Interface	RJ45
Bypass	N/A

Storage

Type	eMMC/UFS
Installation	SKU A: 16GB eMMC + 64 GB UFS SKU B: 16GB eMMC

I/O

Reset Button	1
Console	1 x RJ45
USB	2 x USB 3.2
IPMI	N/A
Management Port	N/A

Expansion

PCIe	1 x PCIe Gen 4 x 4 Slim SAS Connector (By Project)
Wireless Module	1 x M.2 2230 For Wifi/BT 1 x M.2 3042/3050 For LTE/5G 1 x M.2 3042/3050/3052 For LTE/5G
Antenna Hole	4 x Antenna Holes

Cooling

Processor	Passive CPU Heatsink
System	1 x Cooling Fan

Environment

Operating Temperature	0 ~ 40°C
Storage Temperature	-40 ~ 70°C
Relative Humidity	5~90% Operating 5~95% Non-operating

Miscellaneous

LCD Module	N/A
Watchdog	Yes
Internal RTC with Li Battery	Yes

Mechanical

Dimension (W x H x D)	185.4 x 44 x 137.1 mm
Weight	1 kg
Mounting	Optional Rackmount/Wallmount Kit

Power

Type / Watts	60W Power Adapter
Input	12V/5A

Driver Support

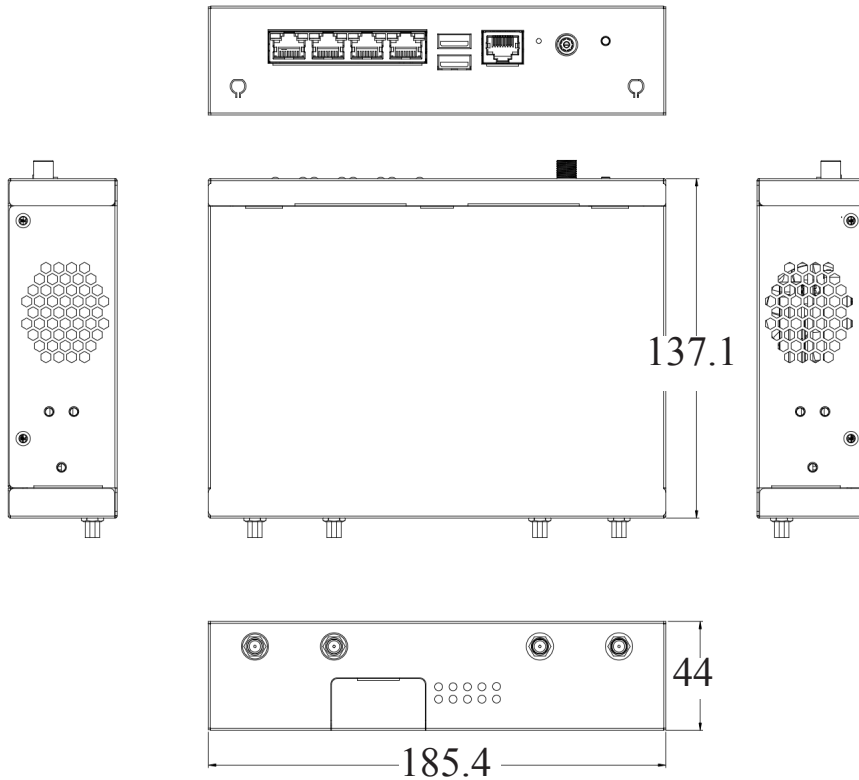
Microsoft Windows	N/A
Linux	Linux

Product I/O View



- A** SIM Slots
- B** LED
- C** Power On/Off
- D** Power Inlet
- E** Console
- F** USB x2
- G** LAN x4

Dimensions (W x H x D): 185.4 x 44 x 137.1 mm



Ordering Information

NCA-1220A	4-core Intel Atom Processor C1110, Max. 4GB LPDDR5 Memory, 1x RJ45 Console, 2x USB 3.2, 2x M.2 For LTE/5G, 1x M.2 For WiFi/BT, 2x Nano SIM For 5G/LTE
NCA-1220B	2-core Intel Atom Processor C1100, Max. 4GB LPDDR5 Memory, 1x RJ45 Console, 2x USB 3.2, 2x M.2 For LTE/5G, 1x M.2 For WiFi/BT, 2x Nano SIM For 5G/LTE

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