

NCA-1040SE

Fanless x86 Network Appliance with Intel® Atom X6413E CPU or Intel Celeron N6210/J6412 Processor (Codenamed Elkhart Lake)



■ Features

- Onboard Intel® Atom X6413E Or Intel Celeron N6210/J6412 Processor
- DDR4 3200MHz, SODIMM, Max. 32GB, 1x M.2 SATA
- 4x 2.5GbE RJ45 Ports (SKU A/B: Support For PoE+ Available With Optional Kit), 1x Console Port, 1x USB 3.0, 1x Display Port
- 4x Antenna Holes (2x Front & 2x Rear)
- 1x Mini-PCIe, 1x M.2, 2x Nano SIM For WiFi/5G/LTE (SKU A/B)

■ Specifications

Processor System

CPU	Intel® Atom X6413E Or Intel Celeron N6210/J6412
Frequency	1.5GHz/2.0GHz/1.2GHz
Core Number	4/2
BIOS	AMI SPI Flash BIOS
Chipset	SoC

Memory

Technology	DDR4 3200MT/s SODIMM
Max. Capacity	32 GB
Socket	1 x 260-pin SODIMM

Ethernet

Controller	Intel i226V
Speed	10/100/1000/2500 Mbps
Interface	4x 2.5GbE RJ45 (SKU A/B: Support For 1x PoE+ Available With Optional Adapter)
Bypass	N/A

Storage

Type	SATA
Installation	1 x M.2 (SATA) 2280 B-Key

I/O

Reset Button	1 x Reset Button, Software Reset
Console	1 x RJ45
USB	USB 3.0 x 1
IPMI	N/A

Display

1 x Display Port (No Audio)

Expansion

PCIe	N/A
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PCI	N/A
Mini-PCIe/M.2	SKU A/B: 1x Mini-PCIe (USB2.0) SKU A/B: 1x M.2 (USB 3.1) 3042/3052 B Key SKU C: N/A
SIM	SKU A/B: 2 x Nano SIM

Cooling

Processor	Fanless
System	1x 5-pin Fan Connector (Optional)

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 Timer	Yes
Internal RTC with Li Battery	Yes

Mechanical

Fanless	Yes
Dimension (W x D x H)	183 x 168 x 32 mm
Weight	0.9 kg
Mounting	Rackmount/Wallmount (Optional Kit)

Power

Type / Watts	40W Power Adapter
Input	AC 100~240V@50~60 Hz

Driver Support

Microsoft Windows	N/A
Linux	Linux, Yocto

Certification

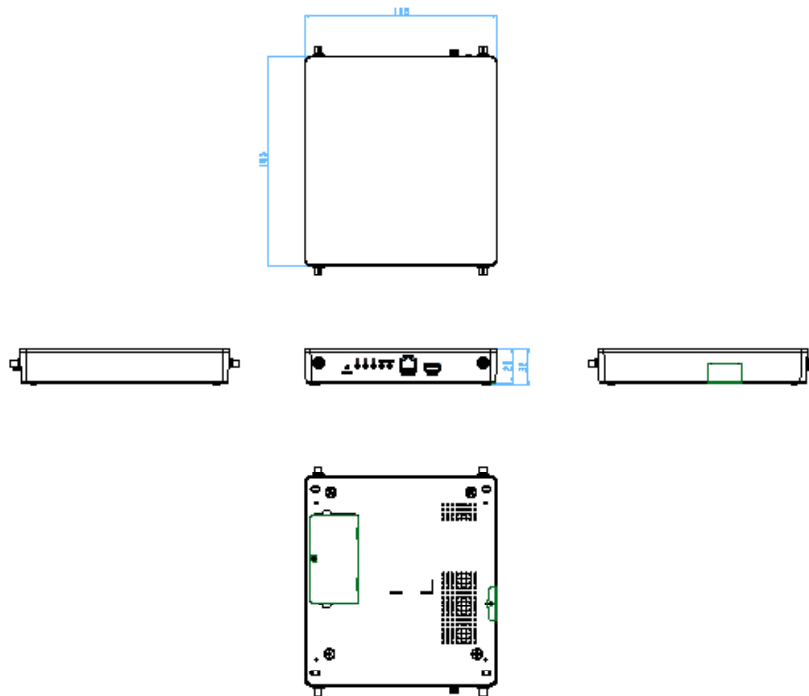
EMC	CE/FCC Class B (Class A with PoE)
Safety	RoHS, UL, VCCI, UKCA

Product I/O View



- A** Power On/Off
- B** DC Jack
- C** DC +54V (Optional PoE+)
- D** 4x 2.5 GbE RJ45 (SKU A/B: Support For 1x PoE+ Available With Optional Kit)
- E** Display Port
- F** Reset Button
- G** Status LED
- H** Console
- I** USB 3.1

Dimensions 183 x 168 x 32 mm



Ordering Information

- NCA-1040SEA** 4-core 1.5GHz, Intel® Atom X6413E (Elkhart Lake), 4x 2.5GbE RJ45 With 1st Port Support PoE+, 1x DDR4 SO-DIMM, 1x M.2 Socket For LTE/5G, 1x Mini-PCIe Socket For Wifi, TPM2.0 Onboard, 40W Adapter
- NCA-1040SEB** 4-core 2.0GHz, Intel® Celeron J6412 (Elkhart Lake), 4x 2.5GbE RJ45 With 1st Port Support PoE+, 1x DDR4 SO-DIMM, 1x M.2 Socket For LTE/5G, 1x Mini-PCIe Socket For Wifi, TPM2.0 Onboard, 40W Adapter
- NCA-1040SEC** 2-core 1.2GHz, Intel® Celeron N6210 (Elkhart Lake), 4x 2.5GbE RJ45, 1x DDR4 SO-DIMM, 40W Adapter

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