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
- 1x 2.5GbE RJ45 Port (Support For PoE+ Available With Optional Adapter) & 3x 2.5GbE RJ45 Ports, 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)

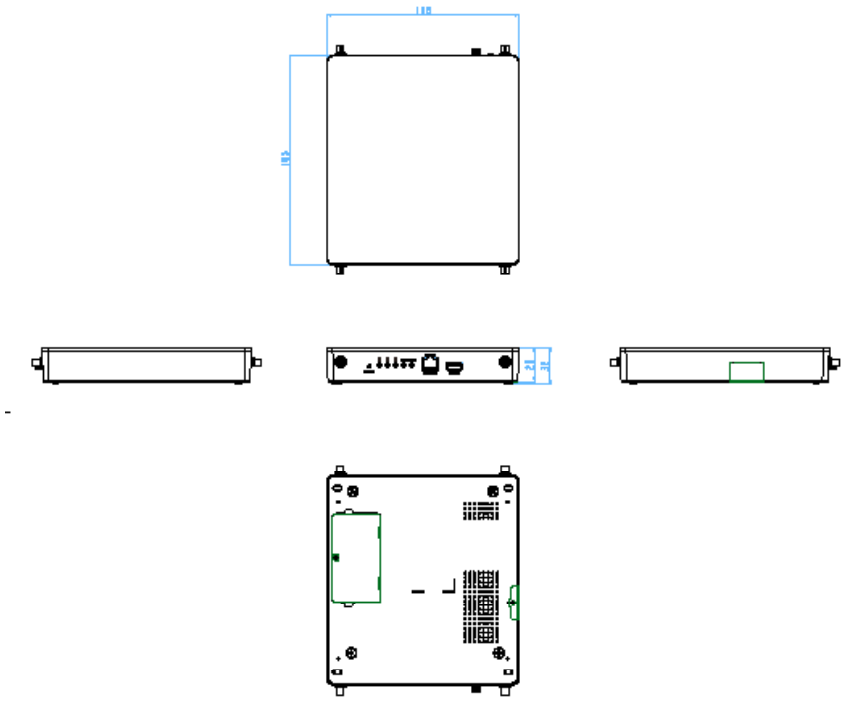
Specifications

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 3200 MHz SODIMM
Max. Capacity	32 GB
Socket	1 x 260-pin SODIMM
Ethernet	
Controller	Intel i226V
Speed	10/100/1000/2500 Mbps
Interface	1x 2.5GbE RJ45 (SKU A/B: Support For PoE+ Available With Optional Adapter) & 3x 2.5GbE RJ45
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
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
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 H x D)	183 x 32 x 168 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 1x GbE RJ45 (Support For PoE+ Available With Optional Adapter) & 3x GbE RJ45
- E Display Port
- F Reset Button
- G Status LED
- H Console
- I USB 3.1

Dimensions 183 x 32 x 168 mm



Ordering Information

NCA-1040SEA	4-core 1.5GHz, Intel® Atom X6413E (Elkhart Lake), 4x 2.5GbE RJ45, 1x DDR4 SO-DIMM, 40W Adapter
NCA-1040SEB	4-core 2.0GHz, Intel® Celeron J6412 (Elkhart Lake), 4x 2.5GbE RJ45, 1x DDR4 SO-DIMM, 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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