

NCA-1040

Fanless x86 Network Appliance with Intel® Atom X6413E CPU (Codenamed Elkhart Lake)



■ Features

- Onboard Intel® Atom X6413E CPU (Codenamed Elkhart Lake)
- DDR4 3200MHz, SODIMM, Max. 32GB
- 1x 1GbE RJ45 Port (Support For PoE+ Available With Optional Adapter) & 3x 1GbE 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

■ Specifications

Processor System	
CPU	Intel® Atom X6413E (Elkhart Lake)
Frequency	1.5GHz
Core Number	4
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	4 x Intel i210AT
Speed	10/100/1000 Mbps
Interface	1x 1GbE RJ45 Port (Support For PoE+ Available With Optional Adapter) & 3x 1GbE RJ45 Ports
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

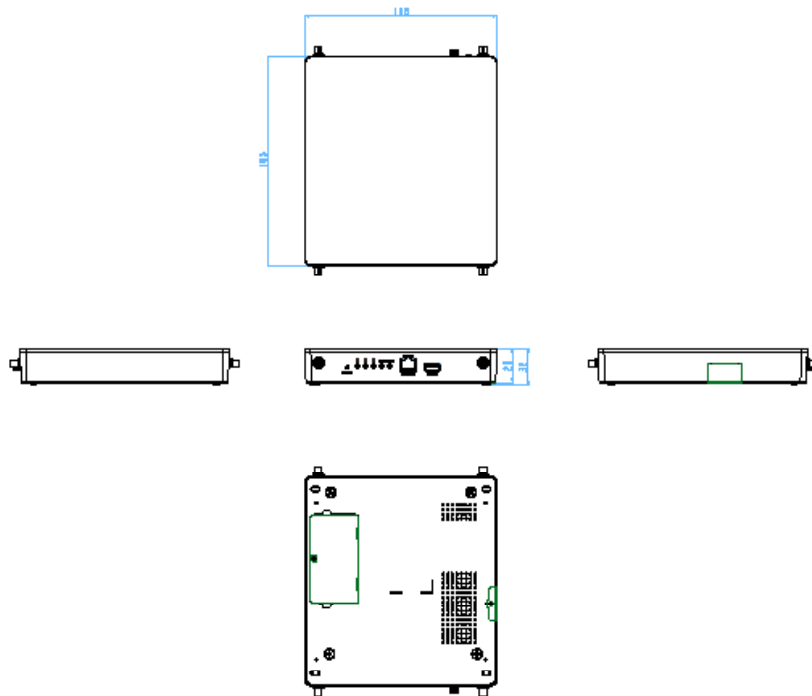
PCI	N/A
Mini-PCIe/M.2	1x Mini-PCIe (PCIe/USB2.0) 1x M.2 (USB 3.0) 3042/3052 B Key
SIM	2 x Nano SIM
Cooling	
Processor	Passive CPU Heatsink
System	Fanless (Default) 1x 5-pin Fan Connector (By Project)
Environment	
Operating Temperature	0 ~ 40°C
Storage Temperature	-20 ~ 70°C
Relative Humidity	5% ~ 90%, 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
Certification	
EMC	CE/FCC Class B (Class A with PoE)
Safety	RoHS, UL, VCCI, UKCA

■ Product I/O View



- | | | |
|-----------------------|---|---------------------|
| A Power On/Off | D 1x GbE RJ45 (Support For PoE+ Available With Optional Adapter) & 3x GbE RJ45 | G Status LED |
| B DC Jack | E Display Port | H Console |
| C DC +54V | F Reset Button | I USB 3.1 |

■ Dimensions 183 x 32 x 168 mm



■ Ordering Information

NCA-1040A

4-core 1.5GHz, Intel® Atom® X6413E (Elkhart Lake), 4x 1GbE RJ45, 1x DDR4 SO-DIMM, 1x PoE+ Support, 1x TPM, Wi-Fi/LTE/5G Modules Support

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