

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
- TPM 2.0 Onboard

■ 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 3200MT/s 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 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

Certification

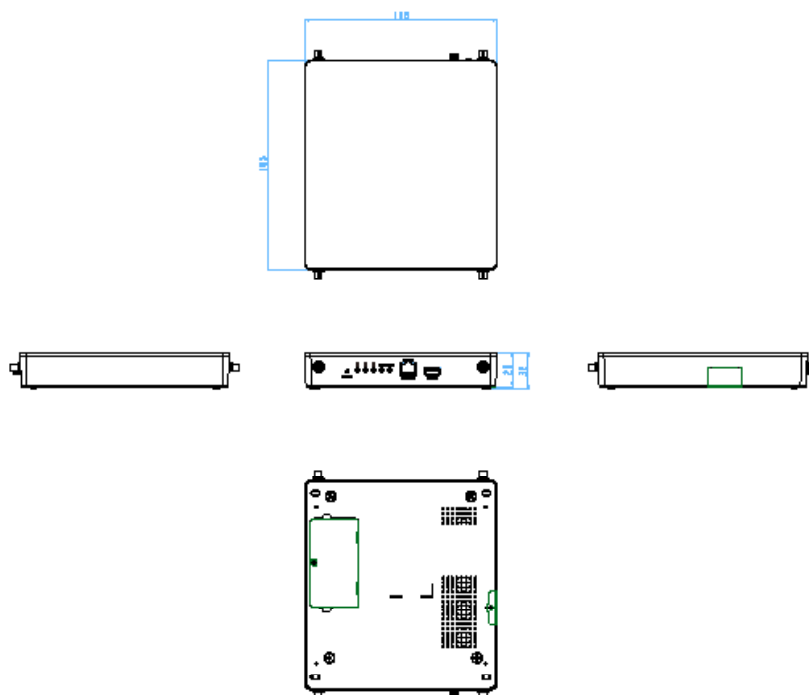
EMC	CE/FCC Class B (Class A with PoE)
Safety	RoHS, UL, VCCI, UKCA

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 168 x 32 mm



Ordering Information

NCA-1040A

4-core 1.5GHz, Intel® Atom® X6413E (Elkhart Lake), 4x GbE RJ45 With 1st Port Support For PoE+, 1x DDR4 SO-DIMM, 1x M.2 Socket For LTE/5G, 1x MiniPCle Socket For Wifi, TPM 2.0 Onboard, 40W Adapter

V.1-2025.04.24

Lanner

© Lanner Electronics Inc. All rights reserved.
All product specifications are subject to change without notice.
contact@lannerinc.com | www.lannerinc.com