

ICS-I332

Desktop Cyber Security Appliance With Intel® Atom® X7433FE/N Series Processor



Features

- Intel® Atom® X7433FE/N Series Processors (Amston/Alder Lake)
- DDR5 SODIMM Up to 16GB
- 2x GbE RJ45 + 4x GbE PoE (SKU A)
- 2x COM, 1x USB3.2 & 5x USB 2.0, 4x DIO, 1x Audio (by SKU)
- 1x 2.5" SATA, Onboard eMMC up to 256GB
- 1x M.2 3042/50/52 B-key for 5G/4G LTE or 1x M.2 2230 B-key WIFI, 2x Nano-SIM
- Wide range of operating temperature 0~60°C

Specifications

Platform

CPU	Intel® Atom® X7433FE/N100/N50 (by SKU)
Chipset	SoC
BIOS	AMI SPI Flash BIOS

System Memory

Technology	DDR5 4800Mhz, SODIMM
Max. Capacity	16GB

Ethernet

Interface	2x GbE RJ45 + 4x GbE PoE (SKU A) 2x GbE RJ45 (SKU B/C/F) 5x GbE RJ45 (SKU D) 3x GbE RJ45 (SKU E)
Speed	10/100/1000 Mbps

I/O Interface

Power/Reset Button	1
Serial	2x DB9 RS-232/422/485
DIO	4x DIO
USB	1x USB 3.2 Gen1 5x USB 2.0
Audio	1x Line-in, 1x Line-out (by SKU)
Antenna	4x Antenna for 5G Sub6 or 2x Antenna for LTE or 2x Antenna for Wi-Fi 6E

Storage

eMMC	Onboard eMMC up to 256GB
HDD/SSD Support	1x 2.5" SATA

Expansion

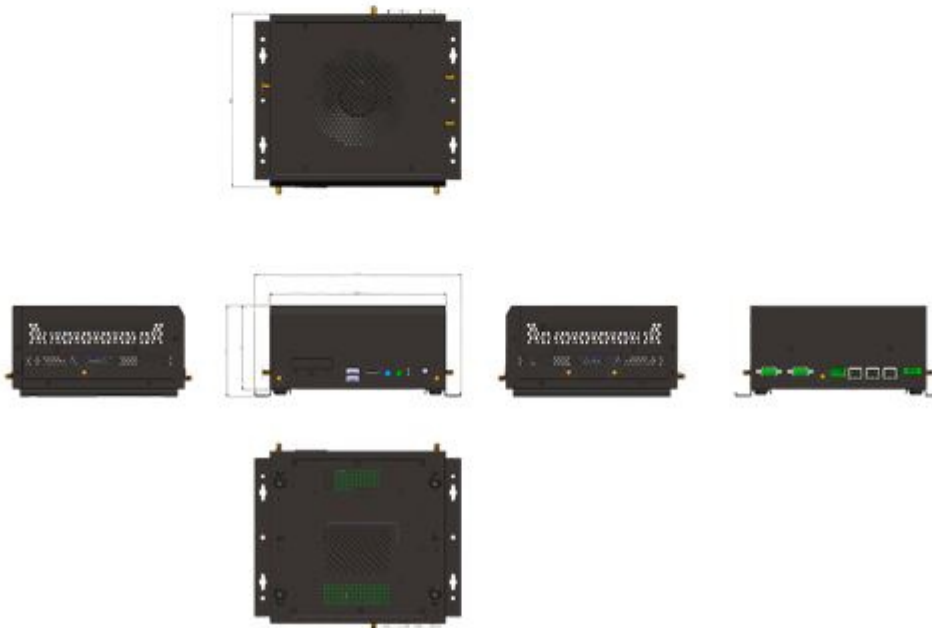
mini-PCIe/M.2	1x M.2 3042/50/52 B-key with dual nano-SIM slot for 5G/4G LTE or 1x M.2 2230 B-key WIFI
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SIM Card Slot	2x Nano-SIM for LTE/5G module
Miscellaneous	
Watchdog	Yes
Internal RTC with Li Battery	Yes
TPM	Onboard TPM 2.0
Cooling	
Processor	Passive CPU Heatsink
System	Fanless
Environmental Parameters	
Temperature	0°C~60°C Operating
Humidity (RH)	5~90% Operating 5~95% Non-Operating
System Dimensions	
WxDxH	200 x 155 x 57 mm
Weight	TBD
Mounting	Desktop, IP30 Wall mount/VESA mount(optional)
Power	
Type/Watts	150W/120W
Input	Power Source Input Rated at 12VDC
OS Support	
Linux	Ubuntu 24.04
Windows	Win 10 IoT
Certification	
EMC	CE/UKCA, FCC Class A, RoHS, MTBF
Safety	UL+CB 62368-1

Product I/O View



Dimensions (W x D x H): 201 x 196 x 95 mm



Ordering Information

SKU	CPU	Memory	Default Port	Expansion	Power
EAI-1134A	Jetson Orin NX 16GB up to 157 TOPS with SuperMode	16GB LPDDR5	1x RJ45 GbE 2x RJ45 GbE w/PoE+ 1x HDMI 2.0 2x USB 3.0	1x M.2 2230 E-Key for WiFi 1x M.2 3042/3052 B-Key for 5G Sub6/LTE w/ SIM	DC 12V/24V
EAI-1134B	Jetson Orin NX 8GB up to 117 TOPS with SuperMode	8GB LPDDR5	2x COM 4x DI, 2x DO		