

IES-10A0

Fanless Embedded Edge System with Intel® Atom X5-E3940



Features

- Intel® Atom X5-E3940
- Onboard LPDDR4 4 GB
- Onboard eMMC 32 GB
- 12 VDC
- Support LAN, USB, Display

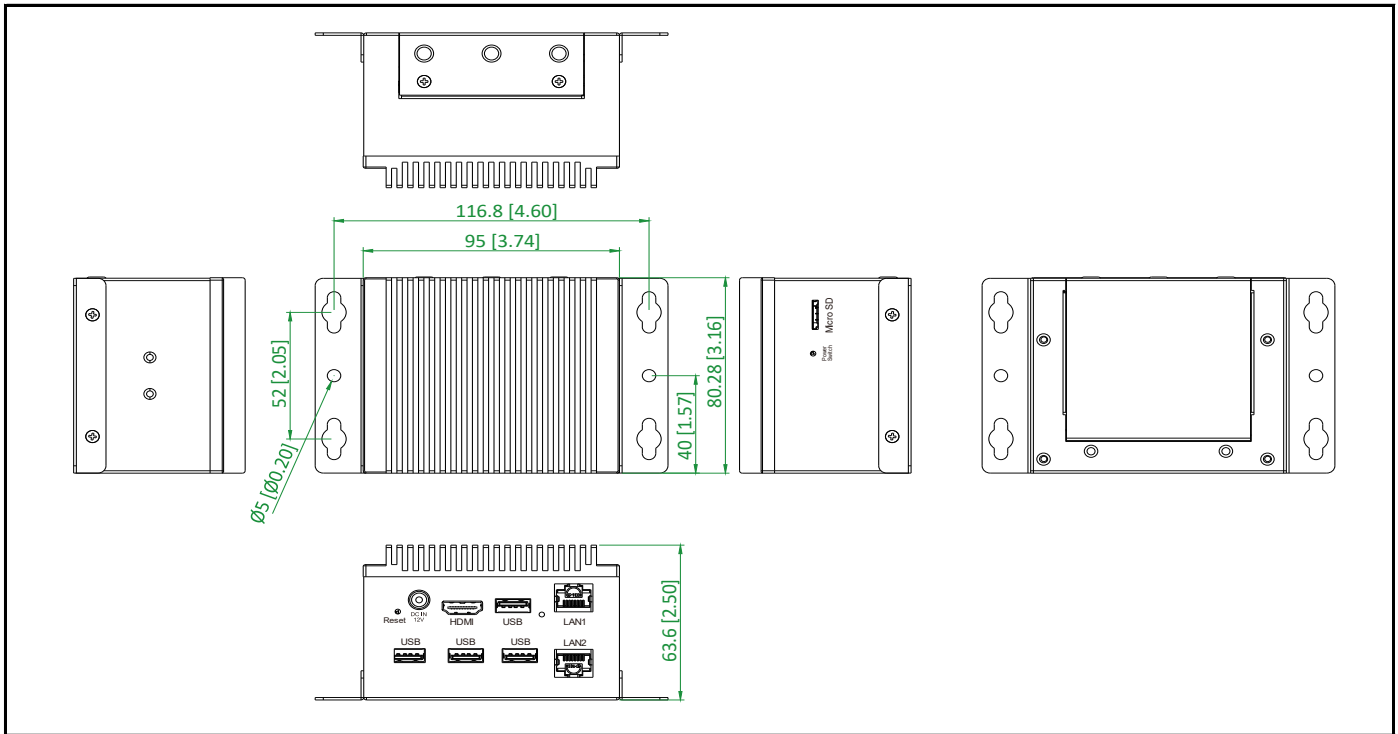
Specifications

System	
CPU	Intel® Atom X5-E3940 Processor SoC Intel HD 500 Graphics
Memory	Onboard LPDDR4 4 GB
Storage	eMMC 5.1 32 GB
Real time clock	Yes
Security	--
Thermal Design	Fanless design
Operating System	Windows 10 IoT Enterprise/Linux
Support Protocol	--
Power Requirement	
Input Voltage	12 VDC
Power Consumption	20 W (Full Loading)
Power Connector	1 x 5.5 mm x 2.5 mm DC input
Environmental and Mechanical	
Dimension	80.28 x 95 x 63.6 mm (3.16" x 3.7" x 2.5")
Weight	0.45 kg
Mouting/Installation	Wall Mount, DIN Rail (Optional)
Operating Temperature	0 ~ 60 °C (32 ~ 140 °F)
Storage Temperature	-40 ~ 80 °C (-40 ~ 176 °F)
Operating Humidity	5% ~ 95% relative humidity (RH), non-condensing
Certification	
Regulations	CE/FCC (with CE-RED), RoHs

Interface	
Serial Port	--
CAN Bus	--
Ethernet	2 x RJ45 Intel® WGI210AT GbE LAN
USB	4 x USB 3.0 (Type A)
DI/DO	--
AI/AO	--
Display	1 x HDMI
Audio	--
PoE	--
Indicator	--
Expansion Slot	1 x mPCIe Connector 1 x M.2 E-Key 2230 1 x microSD Slot
SIM Slot	1 x Nano SIM Card Socket
Antenna	3 x External Antenna holes
Console port	--
Other Interface	1 x Power switch button 1 x Reset switch button

Dimension

Unit: mm / inch



Ordering Information

Packing List

- 1 x System
- 1 x Power

Optional Accessories

Part Number / Item

Wi-Fi Module	Wi-Fi Module M.2 2230 with Antenna
4G LTE Module	4G LTE Module M.2 3042 with Antenna
Power cord	US/EU Power cord