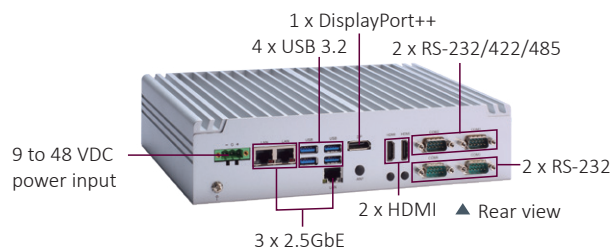
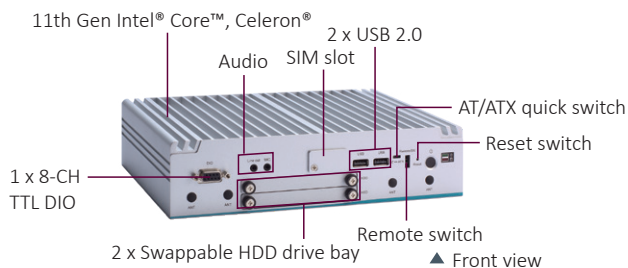


eBOX630A NEW

Fanless Embedded System with 11th Gen Intel® Core™ i7/i5/i3 or Celeron® Processor, 2 HDMI, 1 DisplayPort++, 3 LANs, 6 USB, 4 COM, and 9 to 48 VDC



Features

- 11th Gen Intel® Core™ i7/i5/i3 or Celeron® Quad-core ULT processor (Tiger Lake UP3)
- Dual-channel DDR4-3200 SO-DIMM, up to 64GB
- Supports three 2.5 GbE, 6 USB, and 4 COM
- Wide operating temperatures: -40°C to +60°C
- Wide range DC power input: 9 to 48 VDC
- Supports triple displays with 2 HDMI and 1 DisplayPort++
- Intel® Iris® X^e integrated graphics (i7 & i5 SKUs)
- Trusted Platform Module (TPM) 2.0 onboard

Specifications

Standard Color	Silver	
Construction	Aluminum extrusion and heavy-duty steel, IP40	
CPU	Intel® Core™ i7-1185G7E/i5-1145G7E/i3-1115G4E or Celeron® 6305E (up to 15W TDP)	
System Memory	2 x 260-pin DDR4-3200 SO-DIMM, up to 64GB	
Chipset	SoC integrated	
BIOS	AMI	
System I/O Outlet	Front side 2 x USB 2.0 1 x 8-CH TTL DIO (DB9 female connector, 4 in/4 out) 1 X Audio (MIC-in/Line-out) 1 x Phoenix type VDC power input connector 1 x ATX power switch 1 x remote power switch 1 x reset switch connector 1 x AT/ATX quick switch 1 x front-access SIM slot 4 x antenna opening	Rear side 2 x RS-232/422/485 (COM1/COM2) 2 x RS-232 (COM3/COM4) 4 x USB 3.2 Gen 1 2 x HDMI 1.4b 1 x DisplayPort++ 1.2a 3 x 2.5GbE (PoE* optional) (2 x Intel® I226-IT, 1 x Intel® I226-LM)

Specifications

Watchdog Timer	255 levels, 1 to 255 sec.
Storage	2 x 2.5" swappable SSD/HDD drive bay (up to 9.5 mm height with RAID 0, 1 supported)
Expansion Interface	1 x full-size PCI Express Mini Card (USB + PCIe signal) 1 x M.2 Key E 2230 (for Wi-Fi) 1 x NVMe M.2 Key M 2280 (supports NVMe storage, available with PCIe x4 signal)
TPM	TPM 2.0
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD/SSD activity
Power Input	9 to 48 VDC
Operating Temperature	Ethernet version : -40°C to +60°C (-40°F to +140°F) with 0.5 m/s airflow (with W.T. DRAM & SSD, CPU 15W TDP) PoE version (optional) : -40°C to +50°C (-40°F to +122°F) with 0.7 m/s airflow (CPU 15W TDP) (with W.T. DRAM & SSD)
Relative Humidity	10% to 95% relative humidity, non-condensing
Shock Vibration	IEC 60068-2-27 (with SSD: 50G, half-sine, and 11 ms duration)
Vibration Endurance	IEC 60068-2-64 (with SSD: 3Grms STD, random, 5 to 500 Hz, and 1 hr/axis)
Package Vibration	MIL-STD-810G 514.6C-II compliance
Dimensions (W x D x H)	250 x 17 x 60 mm (9.84" x 6.69" x 2.36")
Weight (net/gross)	2.4 kg (5.29 lb)/3.2 kg (7.0 lb)
Certifications	CE, FCC Class A, and UKCA
EOS Support	Win 10 IoT, Win 11 IoT, and Linux

* PoE IEEE802.3at, up to 60W

**W.T.: Wide Temperature. All W.T. supported products have to be sorted by Axiomtek.

Ordering Information

Standard

eBOX630A-11U-i7 (P/N: E360630A00)	Fanless embedded system with Intel® Core™ i7-1185G7E, 2 HDMI, 1 DisplayPort++, three 2.5GbE LAN, 6 USB, 4 COM, and 9 to 48 VDC
eBOX630A-11U-i5 (P/N: E360630A01)	Fanless embedded system with Intel® Core™ i5-1145G7E, 2 HDMI, 1 DisplayPort++, three 2.5GbE LAN, 6 USB, 4 COM, and 9 to 48 VDC
eBOX630A-11U-i3 (P/N: E360630A02)	Fanless embedded system with Intel® Core™ i3-1115G4E, 2 HDMI, 1 DisplayPort++, three 2.5GbE LAN, 6 USB, 4 COM, and 9 to 48 VDC
eBOX630A-11U-Cel (P/N: E360630A03)	Fanless embedded system with Intel® Celeron® 6305E, 2 HDMI, 1 DisplayPort++, three 2.5GbE LAN, 6 USB, 4 COM, and 9 to 48 VDC

Optional

2.5" SATA HDD	256GB or above
2.5" SATA SSD	100GB or above
DDR4 SO-DIMM	8GB to 32GB
E29R129103	Wall mount kit
E29R129115	DIN-rail kit
509000001500	24V 120W power adapter
E29R129132	PoE module kit
50906A24000E	Adapter 24V 230W FSP230-AAAN3 wire FSP (for PoE use) Power cord Wi-Fi/LTE module

*Specifications and certifications may vary based on different requirements.

Packing List

- 3 x DRAM thermal pad
- 1 x DRAM bracket
- 1 x remote power switch cable
- 1 x 3-pin terminal block connector
- 4 x foot pad
- 1 x screw pack
- 1 x M.2 bracket
- 3 x M.2 thermal pad

Power Protection

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- SCP (short circuit protection)
- OCP (over current protection)
- Reverse protection

Dimensions

