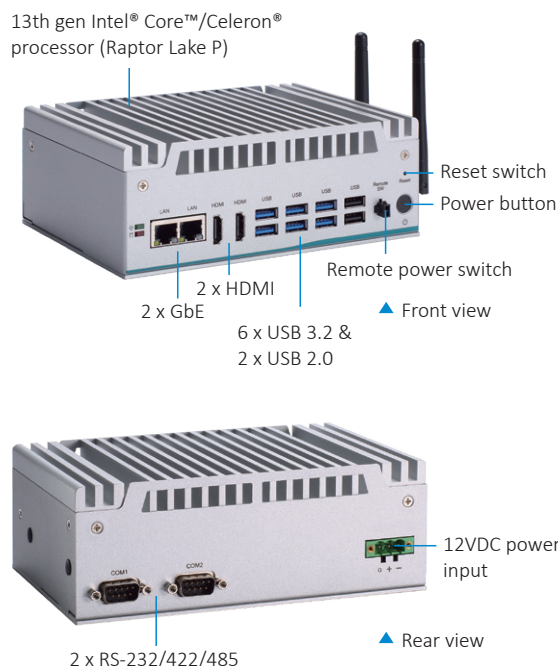


eBOX570 NEW

Fanless Embedded System with 13th Gen Intel® Core™ i7/i5/Celeron® Processor, 2 HDMI, 2 LANs, 8 USB, 2 COM, and 12 VDC



Features

- 13th gen Intel® Core™/Celeron® processor (Raptor Lake P)
- Wide operating temperature from -40°C to +70°C
- 1 DDR4 SO-DIMM for up to 32GB of memory
- 8 USB ports and 2 COM ports for enhanced I/O connectivity
- Supports high-speed NVMe storage (M.2 Key M 2280)
- Supports Intel® vPro and TPM 2.0
- Ideal for AGV, AMR, and AIV robotics applications



DDR4



Fanless



USB 3.2



Wi-Fi 6



NVMe

Specifications

Standard Color	Silver	
Construction	Aluminum extrusion heavy-duty cold-rolled steel	
Processor	CPU Level	Intel® Core™ i7-1365UE, Core™ i5-1335UE or Celeron® U300E (TDP up to 15W)
System	Chipset	SoC integrated
System Memory	1 x 260-pin DDR4-3200 SO-DIMM, up to 32GB	
System I/O	Ethernet	1 x 10/100/1000 Mbps with Intel® I210-IT, supporting Wake-on-LAN and equipped with a PXE Boot ROM 1 x 10/100/1000 Mbps with Intel® I219-LM, supporting Wake-on-LAN, PXE Boot ROM, and Intel® AMT
	Serial	2 x RS-232/422/485
	USB	4 x USB 3.2 Gen2x1 (10G) Type-A 2 x USB 3.2 Gen1x1 (5G) Type-A 2 x USB 2.0
	Display	2 x HDMI 1.4b @30Hz with 4096 x 2160 resolution
	Others	1 x Power button 1 x Reset switch connector 1 x Remote switch 2 x Antenna Opening
	Audio	N/A
TPM	TPM 2.0	
Expansion Interface	1 x Full-size PCI Express Mini Card slot (USB 2.0, PCIe, and SIM signal) 1 x M.2 Key E 2230 socket (for Wi-Fi 6E) (USB 2.0 and PCIe signal)	
Storage	1 x M.2 Key M 2280 socket (for NVMe storage with PCIe x4 Gen3 or SATA signal, selectable through the BIOS)	

Specifications

System Indicators	1 x Green LED for system power-on 1 x Red LED for storage active
Power Input	12 VDC ±5%
Operating Temperature	-40°C to +70°C (-40°F to +158°F) (with W.T. DRAM & SSD, CPU TDP 15W) -40°C to +65°C (-40°F to +149°F) (with STD DRAM & SSD, CPU TDP 15W)
Storage Temperature	-40°C to +85°C
Humidity	10% to 95%, non-condensing
Vibration	IEC 60068-2-64 (with NVMe SSD: 3Grms STD, random, 5 to 500 Hz, 1 hr/axis)
Shock	IEC 60068-2-27 (with NVMe SSD: 50G, half sine, 11 ms duration)
Dimensions	120 mm (4.72") x 178 mm (7.01") x 65 mm (2.56")
Weight (net/gross)	2 kg/2.5 kg
Certifications	CE (EN 61000-6-4/EN 61000-6-2), FCC Class A, UKCA
EOS Support	Win 10 IoT, Win 11 IoT, Linux

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

Ordering Information

System

eBOX570-13P-i7 (P/N: E36K570100)	Fanless embedded system with Intel® Core™ i7-1365UE, 2 HDMI, 2 LANs, 8 USB, 2 COM, and 12 VDC
eBOX570-13P-i5 (P/N: E36K570101)	Fanless embedded system with Intel® Core™ i5-1335UE, 2 HDMI, 2 LANs, 8 USB, 2 COM, and 12 VDC
eBOX570-13P-Cel (P/N: E36K570102)	Fanless embedded system with Intel® Celeron® U300E, 2 HDMI, 2 LANs, 8 USB, 2 COM, and 12 VDC

Optional Accessory

M.2 NVMe	128GB or above
DDR4 SO-DIMM	4GB or above
E29R129124	Wall mount kit
E29R129125	DIN-rail kit
E29R129126	VESA mount kit
509000004800	12V 96W power adapter
	Power cord
	Wi-Fi/LTE module

Power Protection

DC Version
OVP (over voltage protection)
OCP (over current protection)
Reverse Protection

Packing List

4 x Foot pad
1 x Screw pack
1 x 3-pin terminal block connector
1 x Remote switch cable

Dimensions

