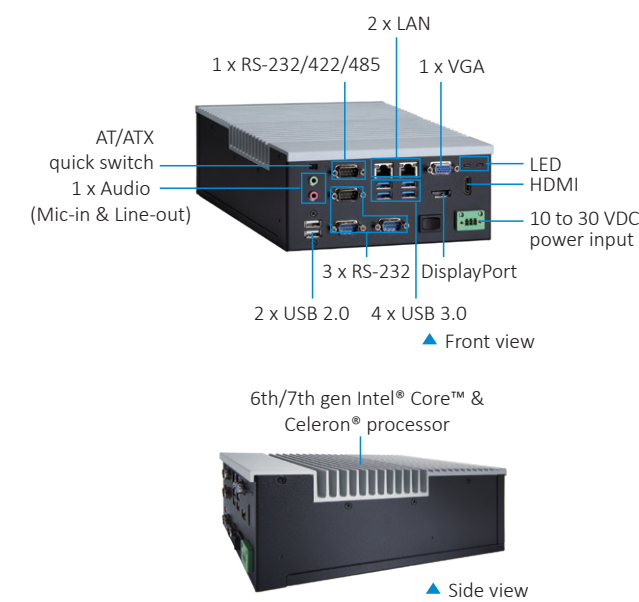


eBOX640-500-FL

Fanless Embedded System with LGA1151 Socket 7th/6th Gen Intel® Core™ or Celeron® Processor, Intel® H110, HDMI, DisplayPort, VGA, 6 USB, 4 COM, PCI Express Mini Card Slot, and 10 to 30 VDC



Features

- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 or Celeron® processor (Kaby Lake/Skylake)
- Supports 4 COM, 6 USB and 2 GbE LAN
- Two 2.5" SATA drive bays
- PCI Express Mini Card slot and SIM slot
- Front I/O connectivity design
- 10 to 30 VDC wide range power input



Specifications

Standard Color	Silver-black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	7th/6th gen Intel® Core™ i7/i5/i3 or Celeron® processor (CPU TDP max. up to 35W)
System Memory	2 x 288-pin DDR4-2133 DIMM, up to 32GB
Chipset	Intel® H110
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 3 x RS-232 2 x 10/100/1000Mbps Ethernet (Intel® I219-LM, Intel® I210-AT) 2 x USB 2.0 4 x USB 3.0 1 x Audio (Mic-in/Line-out) 1 x DisplayPort 1 x HDMI 1 x VGA 1 x Phoenix type VDC power input connector 1 x AT/ATX quick switch 2 x Antenna opening 1 x ATX power switch
Watchdog Timer	255 levels, 1 to 255 sec.
Storage	2 x 2.5" SATA HDD drive bay (max. up 15 mm height) 1 x mSATA (enabled in BIOS setting)
Expansion Interface	1x Full-size PCI Express Mini Card slot with mSATA supported (PCI Express + USB signal) 1 x SIM slot
TPM	N/A
System Indicator	1 x Green for system power 1 x Orange LED for HDD active
Power Input	10 to 30 VDC

Specifications

Operating Temperature	-10°C to +55°C (+14°F to +131°F) (with W.T. DRAM/ SSD for Skylake) -10°C to +50°C (+14°F to +122°F) (with W.T. DRAM/ SSD for Kaby Lake)
Humidity	10% - 90%, non-condensing
Vibration Endurance	2 Grms with SSD (5 to 500 Hz, X, Y, Z directions)
Dimensions	182 mm (7.16") (W) x 235.7mm (9.27") (D) x 82 mm (3.23") (H)
Weight (net/gross)	3 kg (6.61 lb)/3.6 kg (7.94 lb)
Certifications	CE, UKCA
EOS Support	Win 10 IoT, WE8S Linux

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

Packing List

1 x Screw pack
4 x Pre-installed foot pad
1 x 3-pin terminal block connector

Power Protection

DC Version

OCP (over current protection)
UVP (under voltage protection)

Ordering Information

Standard

eBOX640-500-FL-DC (P/N: E36K640100)	Fanless embedded system with LGA1151 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor, Intel® H110, HDMI, DisplayPort, VGA, 4 USB 3.0, 4 COM, PCI Express Mini Card slot and 10 to 30 VDC
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Optional

2.5" SATA HDD	64GB or above
2.5" SATA SSD	100GB or above
DDR4 RAM	8GB to 16GB
mSATA	64MB or above
8816K6400A0E	Wall mount kit
8816K6401A0E	DIN-rail kit
	Wi-Fi/LTE module
509000001500	24V 120W power adapter
	Power cord

* Specifications and certifications may vary based on different requirements.

Dimensions

