

eBOX640-500-FL

Fanless Embedded System with LGA1151 Socket 7th/6th Gen Intel® Core™ & 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 & Celeron® processor (Kaby Lake/Skylake)
- Supports 4 COM, 6 USB and 2 GbE LAN
- Two 2.5" SATA drive bay
- PCI Express Mini Card slot and SIM slot
- Front I/O connectivity design
- 10 to 30 VDC wide range power input



Specifications

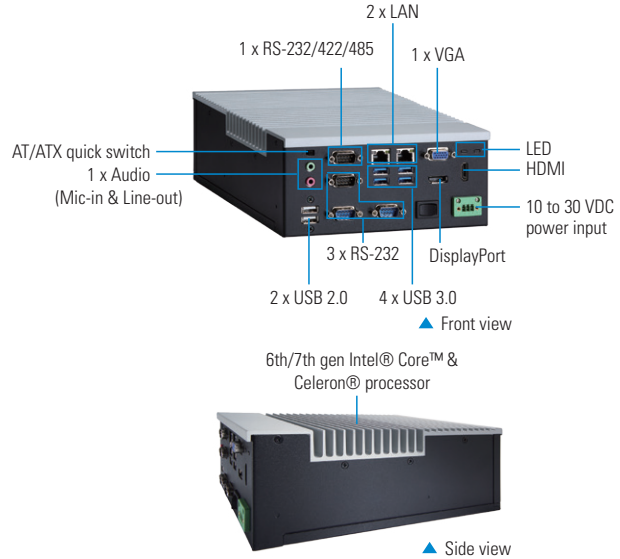
Standard Color	Silver-black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor (CPU TDP max. up to 35W)
System Memory	2 x 288-pin DDR4-2133 DIMM, up to 32GB
Chipset	Intel® H110
BIOS	AMI
System I/O Outlet	1 x RS-232/422/485 3 x RS-232 2 x 10/100/1000Mbps Ethernet (Intel® i219-LM, i211-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 SMA-type antenna connector 1 x ATX power switch
Watchdog Timer	255 levels, 1 to 255 sec.
Storage	2 x 2.5" SATA HDD drive bay (max. up to 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
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
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 Quick manual
- 1 x Driver CD
- 1 x Screw pack
- 4 x Pre-installed foot pad
- 1 x 3-pin terminal block connector

* All specifications and photos are subject to change without notice. www.axiomtek.com © 2020 Axiomtek Co., Ltd. All rights reserved.



Power Protection

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

Ordering Information

Standard	
eBOX640-500-FL-DC	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
Optional	
2.5" SATA HDD	64GB or above
2.5" SATA SSD	100GB or above
DDR4 RAM	2GB to 16GB
mSATA	64MB or above
8816K6400A0E	Wall mount kit
8816K6401A0E	DIN-rail kit
	Wi-Fi module
	3G/LTE module
50906D2400E	24V 120W power adapter

* Specifications and certifications may vary based on different requirements.

Dimensions

