

eBOX640-500-FL

Fanless Embedded System with LGA1151 Socket 7th/6th Gen Intel® Core™ & Celeron® Processor, Intel® H110, 1 HDMI/DP/VGA, 4 USB 3.0, 4 COM, PCI Express Mini Card Slot and 10 ~ 30 VDC

Features

- LGA1151 socket 7th/6th gen Intel® Core™ i7/i5/i3 & Celeron® processor (Kaby Lake/Skylake)
- Fanless operation with compact size design
- 4 COM, 6 USB and 2 GbE LANs
- Two 2.5" 15 mm SATA drive bay, PCI Express Mini Card slot and SIM slot
- Front panel I/O connectivity design
- 10 ~ 30 VDC wide range power input

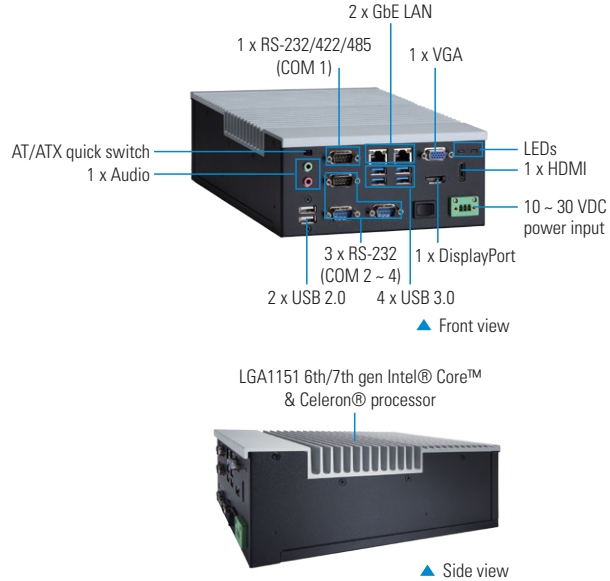


Specifications

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® i219LM & i211AT) 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 connector opening for antenna 1 x ATX power switch
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	2 x 2.5" 15 mm SATA HDD drive bay 1 x mSATA (optional)
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 Supply	10 ~ 30 VDC
Operating Temperature	-10°C ~ +55°C (+14°F ~ +131°F) (with W.T. DRAM/SSD for Skylake) -10°C ~ +50°C (+14°F ~ +122°F) (with W.T. DRAM/SSD for KabyLake)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with SSD (5 ~ 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)
Certificate	CE
EOS support	Win10 IoT, WEBS Linux

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



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, 1 HDMI/DP/VGA, 4 USB 3.0, 4 COM, PCI Express Mini Card slot and 10 ~ 30 VDC
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Optional

2.5" SATA HDD	80GB or above
2.5" SATA SSD	40GB or above
DDR4 RAM	2GB ~ 16GB
mSATA	512MB or above
8816K6400A0E	Wall mount kit
8816K6401A0E	DIN-rail kit
	Wi-Fi module
	3G/LTE module
50906D24000E	24V 120W adapter

*Specifications and certifications may vary according to various options.

Dimensions

