

# eBOX620-841-FL

Fanless Embedded System with Intel® Atom™ Processor E3845 1.91 GHz, HDMI, VGA, 2 GbE LANs, 4 USB and 4 COM

## Features

- Intel® Atom™ E3845 1.91 GHz quad-core SoC
- 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
- Fanless operation design with full feature I/O
- 2 RS-232/422/485 and 2 RS-232 ports
- One 2.5" 9.5 mm SATA drive bay, 1 CFast™ slot and mSATA
- Supports 8 channel programmable DI/DO and 2 PCI Express Mini Card slots
- Supports VGA and HDMI dual display

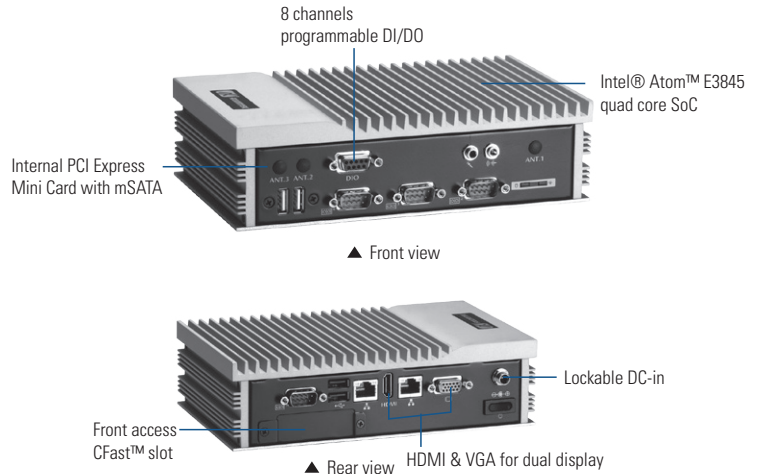


## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor E3845 1.91 GHz quad-core
System Memory	1 x 204-pin DDR3L-1066/1333 SO-DIMM, up to 8GB
Chipset	SoC integrated
BIOS	AMI
System I/O Outlet	2 x RS-232/422/485 (COM1/2) 2 x RS-232 (COM3/4) 1 x VGA 1 x HDMI 1 x Audio (Mic-in/Line-out) 2 x 10/100/1000 Mbps Ethernet (Intel® i210IT) 4 x USB 2.0 3 x SMA type connector opening for antenna 1 x VDC 12V power input connector 1 x ATX power switch 8 channel programmable DI/DO
Watchdog Timer	255 levels, 1~255 sec.
Storage	1 x 2.5" 9.5 mm SATA HDD drive bay 1 x CFast™ 1 x mSATA
Expansion Interface	1 x full-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x half-size PCI Express Mini Card slot (USB + PCI Express signal) 1 x SIM slot
TPM	TPM 1.2 supported
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Input AC 90-264V, AC 60W adapter with lock Output: DC 12V @ 5A
Operating Temperature	-40°C ~ +60°C (-40°F ~ +140°F)
Humidity	10%~90% , non-condensing
Vibration Endurance	3 Grms with CFast™ (5-500Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 12 mm (4.72") (D) x 56 mm (2.2") (H)
Weight (net/gross)	2 kg (4.41 lb)/ 2.7 kg (5.95 lb)
Certificate	CE
EOS Support	WE8S, WE57

## Packing List

- 1 x Quick manual
- 1 x Driver cd
- 1 x Screw pack
- 2 x CFast™ Mylar
- 1 x HDD Mylar
- 4 x Foot pad



## Power Protection

### AC Version

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

## Ordering Information

### Standard

eBOX620-841-FL-US	Fanless embedded system with Intel® Atom™ E3845 1.91 GHz, VGA, HDMI, 2 GbE LANs, 4 USB, 4 COM, 60W AC/DC adapter and US power cord
eBOX620-841-FL-EU	Fanless embedded system with Intel® Atom™ E3845 1.91 GHz, VGA, HDMI, 2 GbE LANs, 4 USB, 4 COM, 60W AC/DC adapter and EU power cord

### Optional

2.5" SATA HDD	40GB or above
2.5" SATA SSD	4GB or above
DDR3L SO-DIMM	1GB ~ 8GB
CFast™	512MB or above
wall mount	88606200010E
VESA arm kit	88606200020E
DIN-rail kit	88606200030E
Wi-Fi module	
Power cord	

\*Specifications and certifications may vary according to various options.

## Dimensions

