

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

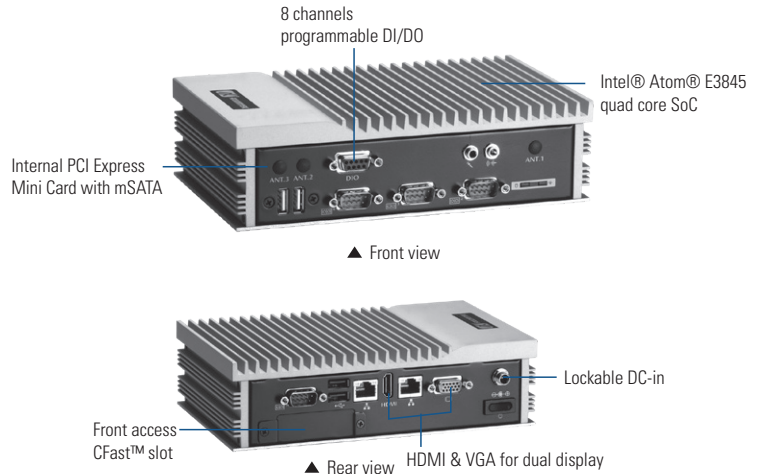


Specifications

| | |
|-----------------------|---|
| 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 to 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 to +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)
- OCV (over current protection)
- SCP (short circuit protection)

Ordering Information

Standard

| | |
|----------------|---|
| eBOX620-841-FL | Fanless embedded system with Intel® Atom® E3845 1.91 GHz, VGA, HDMI, 2 GbE LAN, 4 USB and 4 COM |
|----------------|---|

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 kit | 8816K6271A0E |
| VESA arm kit | 886K62613A0E |
| DIN-rail kit | 886K62614A0E |
| Wi-Fi module | |
| 12V/60W Adapter | 50966124050E |
| Power cord | |

*Specifications and certifications may vary according to various options.

Dimensions

