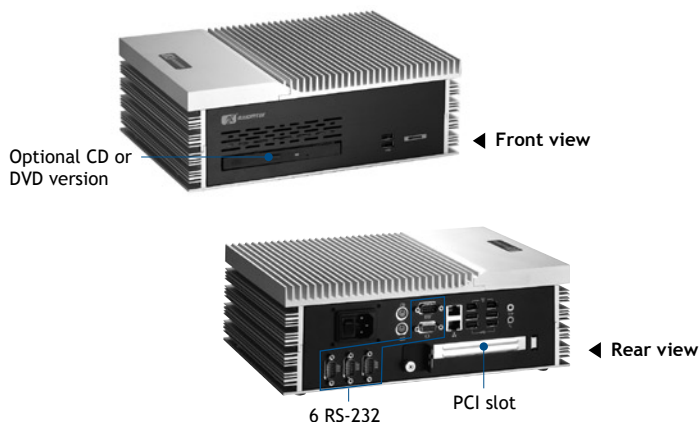


eBOX830-831-FL

Fanless Embedded System with Intel® Core™2 Duo Processor
up to 1.5 GHz and PCI Slot



Specifications

| | |
|-----------------------|---|
| Standard Color | Silver-Black |
| Construction | Aluminum extrusion and heavy-duty steel, IP30 |
| CPU | Socket M for Intel® Core™2 Duo/ Celeron® M 1.5 GHz (L7400) processor |
| System Memory | 2 x 240-pin DDR2 DIMM max. up to 4 GB (The actual max. capacity will be less depending on system configuration.) |
| Chipset | Intel® 945GME + ICH7M/-DH |
| BIOS | Phoenix-Award 4 Mbit with RPL / PXE LAN Boot ROM SmartView and customer CMOS backup |
| System I/O Outlet | 3 x RS-232 (COM 2/3/4) 1 x RS-232/422/485 (COM 1) 1 x VGA 2 x IEEE 1394a 1 x Audio (Mic-in/Line-out) 2 x PS/2 keyboard/mouse 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0 1 x V _{AC} 100 - 240 power input connector |
| Watchdog Timer | 255 levels, 1 - 255 sec. |
| Storage | 1 x 2.5" SATA HDD drive bay |
| Expansion Interface | 1 x PCI slot (Supports max. length of 185 mm of PCB boards expansion) |
| System Indicator | 1 x green LED for system power-on 1 x orange LED for HDD active |
| Power Supply | AC90 - 264V, 120W power supply or 10 - 30V 120W DC power supply |
| Operating Temperature | 0°C - +45°C (32°F - +113°F) (with W.T. HDD) |
| Storage Temperature | -20°C - +80°C (-4°F - +176°F) |
| Humidity | 10% - 90%, non-condensing |
| Vibration Endurance | 1 Grms with HDD (5 - 500 Hz, X, Y, Z directions) |
| Dimensions | 300 mm (11.81") (W) x 210 mm (8.27") (D) x 104.5 mm (4.11") (H) |
| Weight (net/gross) | 6.3 kg (13.89 lb)/8.2 kg (18.08 lb) |
| Certification | CE |
| EOS Support | XPE, WinCE, Linux |

* XPE: Windows® XP Embedded

Packing List

1 x quick manual, 1 x driver CD, 1 x screw pack, 4 x foot pad
4 x HDD anti-vibration damper



Features

- Supports socket M for Intel® Core™2 Duo or Celeron® M processor up to 1.5 GHz
- Intel® 945GME + ICH7M/-DH chipset
- High performance with full feature I/O
- Supports PCI interface or optical drive
- Supports 6 USB 2.0 ports and 4 COM ports
- Supports dual 10/100/1000Mbps Ethernet ports
- Supports dual IEEE 1394a ports
- One 2.5" SATA HDD drive bay
- 120W AC or DC power supply

Power Protection

AC & DC Version

OLD (over load protection) SCP (short circuit protection)

Ordering Information

| Standard | |
|----------------------------|--|
| eBOX830-831-FL -AC | Fanless embedded system supports socket M for Intel® Celeron® M processor, PCI slot and AC power |
| eBOX830-831-FL -AC-CD | Fanless embedded system supports socket M for Intel® Celeron® M processor, CD-ROM and AC power |
| eBOX830-831-FL -1.5G-AC | Fanless embedded system with LV Intel® Core™2 Duo 1.5 GHz (L7400) processor, PCI slot and AC power |
| eBOX830-831-FL -1.5G-AC-CD | Fanless embedded system with LV Intel® Core™2 Duo 1.5 GHz (L7400) processor, CD-ROM and AC power |
| eBOX830-831-FL -DC | Fanless embedded system supports socket M for Intel® Celeron® M processor, PCI slot and DC power |
| eBOX830-831-FL -DC-CD | Fanless embedded system supports socket M for Intel® Celeron® M processor, CD-ROM and DC power |
| Optional | |
| 2.5" SATA HDD | 40 GB or above |
| DDR2 DIMM | 256 MB - 2 GB |
| Power cord | |

*Specifications and certifications are based on options and may vary.

Dimensions

