

eBOX830-831-FL

Fanless Embedded System with Intel® Core™2 Duo Processor up to 1.5 GHz, Intel® 945GME+ICH7M/-DH Chipset and PCI Slot



Front view



Rear view

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

Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
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 4Mbit 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	Supports 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 (5-500Hz, 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

*W.T.: Wide Temperature. All W.T. supported products have to be sorted by AXIOMTEK.
**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

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	40GB - 160GB
DDR2 DIMM	256MB - 2GB
Power cord	

*Specifications and certifications are limited to optional.

Dimensions

