

eBOX832-831

Embedded System with Intel® Core™2 Duo Processor up to 2.33 GHz and PCIe x16 Slot



Front view



Rear view

Features

- Supports socket M Intel® Core™2 Duo/Core™ Duo/Celeron® M processor up to 2.33 GHz
- Intel® 945GME+ICH7M/-DH chipset
- Supports 1 PCIe x16 slot
- High performance with full feature I/O
- 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

Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
CPU	Socket M for Intel® Core™2 Duo/Core™ Duo/Celeron® M processor up to 2.33 GHz
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 2 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 PCIe x16 slot (Supports PCIe x1 and PCIe x4)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	AC90 ~ 264V, 250W power supply (with fan)
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 kg (17.64 lb)
Certification	CE
EOS Support	N/A

*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	
eBOX832-831	Embedded system supports socket M for Intel® Core™2 Duo/Core™ Duo/Celeron® M processor and PCIe slot, AC-in ATX 250W P/S
Optional	
2.5" SATA HDD	20 GB ~ 512 GB
DDR2 DIMM	256 MB ~ 2 GB
Power cord	

*Specifications and certifications are limited to optional.

Dimensions

