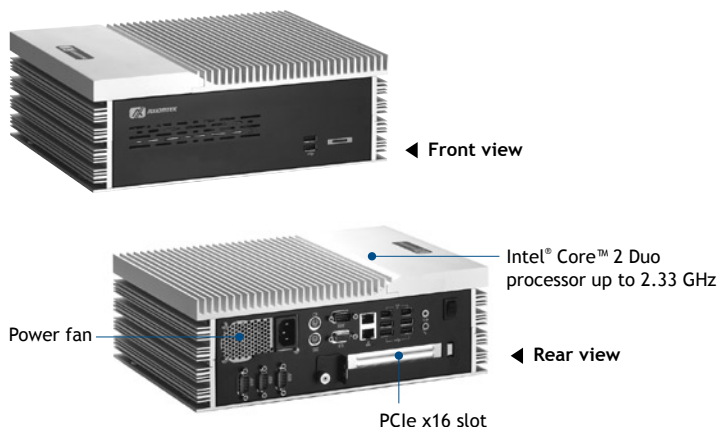


eBOX832-831

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



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
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	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

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

Power Protection

AC Version

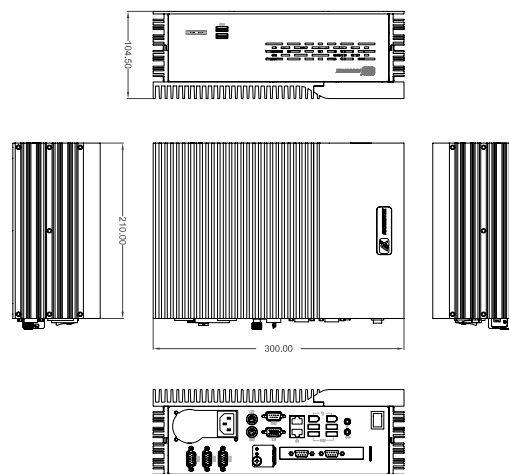
OVP (over voltage protection) SCP (short circuit protection)

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 or above
DDR2 DIMM	256 MB ~ 2 GB
Power cord	

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

Dimensions



Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories