

# eBOX832-831

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



▲ Front view



## 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 (Realtek RTL8111B) 6 x USB 2.0 1 x VAC 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 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, 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

- 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



▲ Rear view

## Power Protection

### AC Version

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

## Ordering Information

### Standard

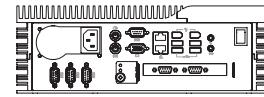
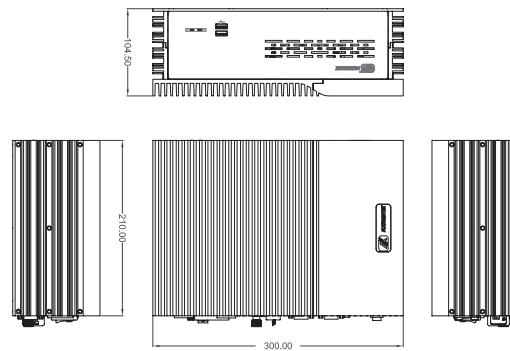
eBOX832-831 Embedded system supports socket M for Intel® Core™2 Duo/ Core™ Duo/ Celeron® M processor, 4 COM, 6 USB and PCIe slot, AC-in ATX 250W P/S

### Optional

2.5" SATA HDD	20 GB or above
2.5" SATA SSD	4 GB or above
DDR2 DIMM	256 MB ~ 2 GB
Power cord	

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

## Dimensions



\* All specifications and photos are subject to change without notice.

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