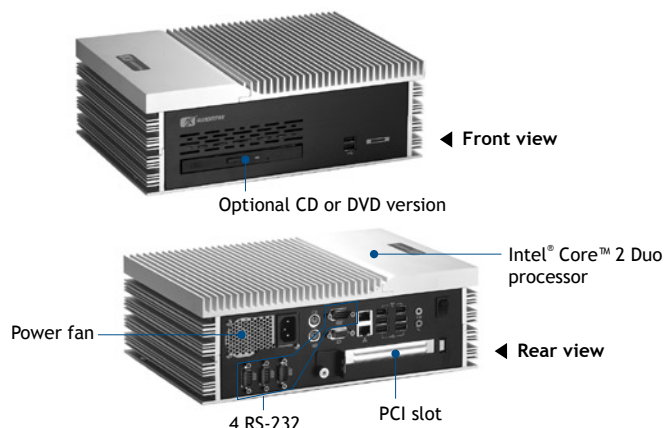


# eBOX830-831

Embedded System Featuring Socket M Intel® Core™2 Duo Processor up to 2.33 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/ 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 <sub>AC</sub> 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 PCB boards)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	AC 90 - 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	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



- Socket M for Intel® Core™2 Duo/Core™ Duo/ Celeron® M processor up to 2.33 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

## Power Protection

### AC Version

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

### DC Version

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

## Ordering Information

Standard	
eBOX830-831	Embedded system supports socket M for Intel® Core™2 Duo/Core™ Duo/ Celeron® M processor and PCI slot, AC-in ATX 250W P/S
eBOX830-831 -CD	Embedded system supports socket M for Intel® Core™2 Duo/Core™ Duo/ Celeron® M processor and CD-ROM, AC-in ATX 250W P/S
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

