

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 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 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, EN60950 compliance
EOS Support	XPE, WinCE, Linux

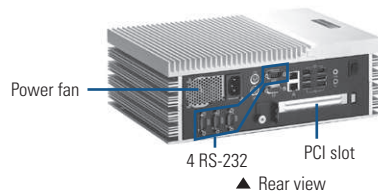
* XPE: Windows® XP Embedded

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

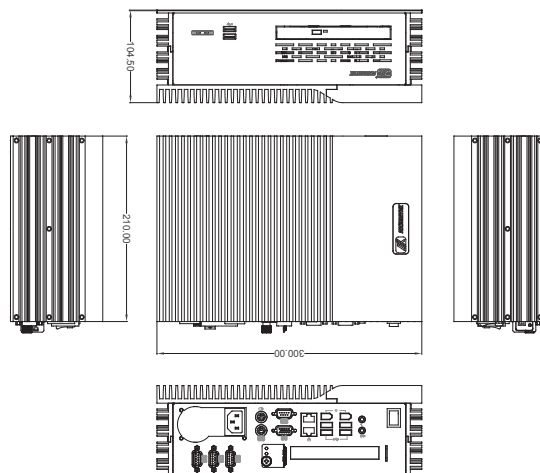
eBOX830-831	Embedded system supports socket M for Intel® Core™2 Duo/ Core™ Duo/Celeron® M processor, 4 COM, 6 USB and PCI slot, AC-in ATX 250W P/S
eBOX830-831-DVD	Embedded system supports socket M for Intel® Core™2 Duo/ Core™ Duo/Celeron® M processor, 4 COM, 6 USB and DVD-ROM, AC-in ATX 250W P/S

Optional

2.5" SATA HDD	40 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.