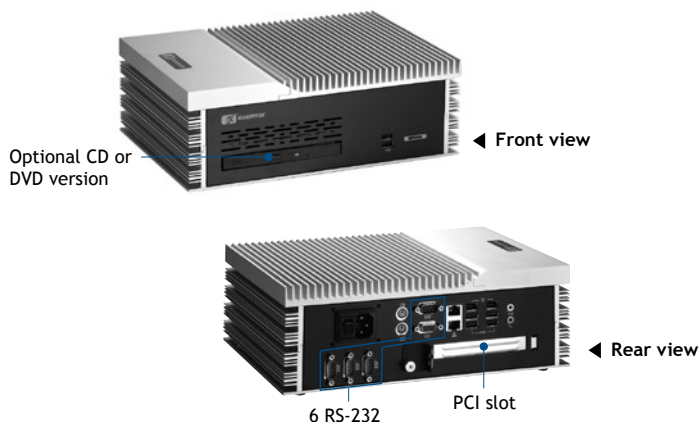


eBOX830-831-FL

Fanless Embedded System Featuring Socket M Intel® Core™2 Duo Processor up to 1.5 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/ Celeron® M 1.5 GHz (L7400) processor
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 4 Mbit 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 1 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 PCI 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, 120W power supply or 10 - 30V 120W DC power supply
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)/8.2 kg (18.08 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 or Celeron® M processor up to 1.5 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
- 120W AC or DC power supply

Power Protection

AC & DC Version

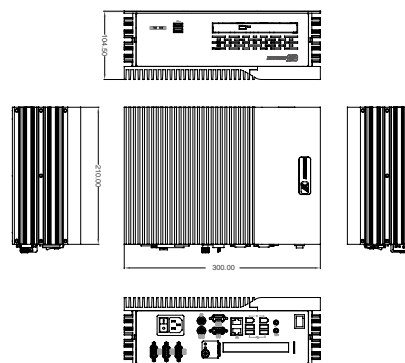
OLD (over load protection) SCP (short circuit protection)

Ordering Information

Standard	
eBOX830-831-FL -AC	Fanless embedded system supports socket M for Intel® Celeron® M processor, PCI slot and AC power
eBOX830-831-FL -AC-CD	Fanless embedded system supports socket M for Intel® Celeron® M processor, CD-ROM and AC power
eBOX830-831-FL -1.5G-AC	Fanless embedded system with LV Intel® Core™2 Duo 1.5 GHz (L7400) processor, PCI slot and AC power
eBOX830-831-FL -1.5G-AC-CD	Fanless embedded system with LV Intel® Core™2 Duo 1.5 GHz (L7400) processor, CD-ROM and AC power
eBOX830-831-FL -DC	Fanless embedded system supports socket M for Intel® Celeron® M processor, PCI slot and DC power
eBOX830-831-FL -DC-CD	Fanless embedded system supports socket M for Intel® Celeron® M processor, CD-ROM and DC power
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



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