

eBOX832-840

Embedded System with Intel® Core™2 Duo Processor
up to 2.2 GHz and PCIe x16 Slot



Front view



Rear view

Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
CPU	Socket P for Intel® Core™2 Duo/Celeron® M processor up to 2.2 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® GME965+ICH8M
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	Supports 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	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	N/A

* 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

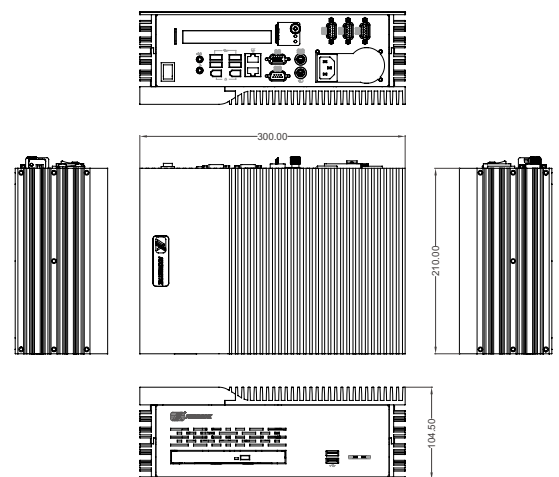
- Supports socket P for Intel® Core™2 Duo/Celeron® M processor up to 2.2 GHz
- Intel® GME965+ICH8M chipset
- Supports 1 PCIe x16 slot
- High performance with full feature I/O
- Supports 6 USB 2.0 ports and 4 COM ports
- Supports dual 10/100/1000Mbps Ethernet ports
- Supports dual IEEE 1394a ports
- One 2.5" SATA HDD drive bay

Ordering Information

Standard	
eBOX832-840	Embedded system supports socket P for Intel® Core™2 Duo/Celeron® M processor and PCIe slot, AC-in ATX 250W
eBOX832-840-CD	Embedded system supports socket P for Intel® Core™2 Duo/Celeron® M processor and CD-ROM, AC-in ATX 250W
Optional	
2.5" SATA HDD	40 GB - 512 GB
DDR2 DIMM	512 MB - 4 GB
Power cord	

*Specifications and certifications are limited to optional.

Dimensions



Embedded Systems

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories