

eBOX639-840-FL

Fanless Embedded System with Intel® Core™2 Duo Processor,
Intel® GME965+ICH8M Chipset, PCI and PCIe x16 Slots



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 up to 2.2 GHz processor
System Memory	2 x 240-pin DDR2 DIMM max. up to 4GB (The actual max. capacity will be less depending on system configuration)
Chipset	Intel® GME965+ICH8M
BIOS	Phoenix-Award 16Mbit (SPI) 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) 1 x PS/2 keyboard 1 x PS/2 mouse 2 x 10/100/1000Mbps Ethernet 6 x USB 2.0 1 x Vcc power input connector
Watchdog Timer	255 levels, 1~255 sec.
Storage Supports	1 x 2.5" SATA/IDE HDD drive bay
Expansion Interface	1 x 32bit/33MHz PCI slot (max. length 200mm) 1 x PCI Express x16 slot (max. card length 167mm, height 14.4mm, backward compatible with x1, x4, x8)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Vcc 10-30V, 150W ATX power supply
Operating Temperature	-10°C ~ +40°C (-14°F ~ +104°F) (w/ PGA CPU, W.T. HDD, DC P/S)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	1Grms with HDD (5-500Hz, X, Y, Z directions)
Dimensions	182mm (7.17") (W) x 230mm (9.06") (D) x 140mm (5.51") (H)
Weight (net/gross)	4.5 kg (9.92 lb)/5.0 kg (11.02 lb) (w/o HDD)
Certification	CE compliant
EOS Support	XPE, WinCE, Linux

*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

- Fanless operation design with full I/O features
- Supports socket P for Intel® Core™2 Duo/Celeron® M up to 2.2 GHz processor
- Intel® GME965+ICH8M chipset
- Supports 1 PCI slot and 1 PCI Express x16 slot
- High performance DDR2 533/667 DIMM max. up to 4GB
- One 2.5" SATA HDD drive bay
- ATX 150W 10V-30V DC-in power supply

Ordering Information

Standard	
eBOX639-840-FL	Fanless embedded system with socket P Intel® Core™2 Duo/Celeron® M processor, DC-in ATX 150W P/S, PCI & PCIe x16
eBOX639-840	Embedded system with socket P Intel® Core™2 Duo/Celeron® M processor, DC-in ATX 150W P/S and fan, PCI & PCIe x16
eBOX639-840-dual PCI	Fanless embedded system with socket P Intel® Core™2 Duo/Celeron® M processor, DC-in ATX 150W P/S, dual PCI
Optional	
2.5" HDD	40GB ~ 160GB
DDR2 DIMM	512MB ~ 4GB
120W AC/DC power kit	
Power cord	
Wall mount kit	

*Specifications and certifications are limited to optional.

Dimensions

