

eBOX639-840-FL

Fanless Embedded System with Intel® Core™2 Duo Processor,
Intel® GME956+ICH8M Chipset, PCI and PCIe x16 Slots

New



Front view



Rear view

Specifications

Standard Color	Silver
Construction	Aluminum die-casting and heavy-duty steel
CPU	Socket P for Intel® Core™2 Duo/Celeron® M up to 2.2 GHz processor
System Board	SBC86840
System Memory	2 x 240-pin DDR2 DIMM max. up to 4GB (actual max. capacity will be less depending on system configuration)
Chipset	Intel® GME956+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 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 Vbc 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	Vbc 10-30V, 150W ATX power supply
Operating Temperature	-10°C to 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 (5-500Hz, X, Y, Z directions) operation w/ HDD
Dimensions	182mm (7.17") (W) x 230mm (9.06") (D) x 140mm (5.51") (H)
Weight	4.5kg (9.92 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

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® GME956+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
- ▶ Watchdog timer
- ▶ Wall mount

Ordering Information

Standard	
eBOX639-840-FL	Fanless embedded system with socket P -socket DC Intel® Core™2 Duo/Celeron® M processor, DC-in ATX 150W P/S
Optional	
2.5" HDD	40GB, 80GB
DDR2 DIMM	512MB, 1GB, 2GB

*Specifications and certifications are limited to optional.

Dimensions

