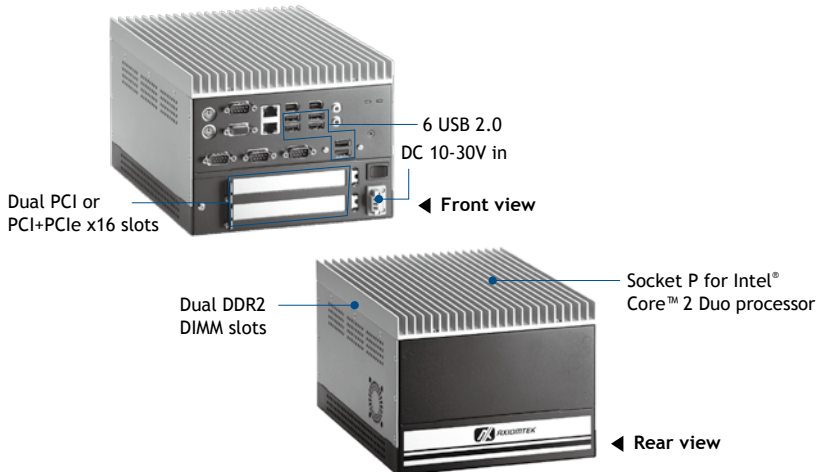


eBOX639-840-FL

Fanless Embedded System Featuring Socket P Intel® Core™2 Duo Processor, PCI and PCIe x16 Slots



Features

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

Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
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 4 GB (The actual max. capacity will be less depending on system configuration.)
Chipset	Intel® GME965 + ICH8M
BIOS	Phoenix-Award 16 Mbit (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 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 32 bit/33 MHz PCI slot (max. length 200 mm) 1 x PCI Express x16 slot (max. card length 167 mm, height 14.4 mm, 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 ~ +40°C (-14°F ~ +104°F) (with 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	1 Grms with HDD (5 ~ 500 Hz, X, Y, Z directions)
Dimensions	182 mm (7.17") (W) x 230 mm (9.06") (D) x 140 mm (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

* 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

Power Protection

AC Version

OVP (over voltage protection) OCP (over current protection)
OTP (over temperature protection)

DC Version

OVP (over voltage protection) UVP (Under voltage protection)
OCP (over current protection)

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-FL	Fanless embedded system with socket P Intel® Core™2 Duo/Celeron® M processor, DC-in ATX 150W P/S, dual PCI
Optional	
2.5" SATA HDD	40 GB or above
DDR2 DIMM	512 MB ~ 4 GB
120W AC/DC power kit	
Power cord	
Wall mount kit	

*Specifications and certifications are based on options and may vary.

Dimensions

