

eBOX639-836-FL

Fanless Embedded System with Intel® Atom™ Processor N270
1.6 GHz, Intel® 945GSE+ICH7M Chipset and 2 PCI Slots



Front view



Rear view

Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel
CPU	Intel® Atom™ processor N270 1.6 GHz
System Memory	1 x 240-pin DDR2 DIMM max. up to 2GB
Chipset	Intel® 945GSE+ICH7M
BIOS	AMI 8Mbit with RPL/PXE LAN boot ROM
System I/O Outlet	1 x RS-232/422/485 (COM 1) 5 x RS-232 (COM 2-6, COM 4-6 through 26-pin high density connector) 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 Vdc power input connector (DC version) 1 x screw lock adapter connector (AC version)
Watchdog Timer	255 levels, 0-255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x USB DiskOnModule
Expansion Interface	2 x 32bit/33MHz PCI slot, support max. length of 200mm of PCB boards expansion 1 x CompactFlash™
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	DC ATX 107W Input: 16-28Vdc (Vdc) Output: +3.3Vdc@6A, +5Vdc@9A, +12Vdc@3A, -12V@0.1A, +5Vsb@1A,
Operating Temperature	-10°C ~ +55°C (14°F ~ 131°F)
Storage Temperature	(with 1.6 GHz CPU, W.T. HDD, DC 19V)
Humidity	-20°C ~ +80°C (-4°F ~ +176°F)
Vibration Endurance	10% ~ 90%, non-condensing
Dimensions	1Grms with HDD (5-500Hz, X, Y, Z directions) 182mm (7.17") (W) x 230mm (9.06") (D) x 130.8mm (5.15") (H)
Weight (net/gross)	4.1 kg (9.04 lb)/4.8 kg (10.58 lb)
Certification	CE
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, 1 x High-density COM 4-COM 6 cable

Features



- Supports Intel® Atom™ processor N270 1.6 GHz onboard
- Intel® 945GSE+ICH7M chipset
- Fanless operation design with full feature I/O
- Supports two 32bit/33MHz PCI slots
- High performance DDR2 DIMM max. up to 2GB
- One 2.5" SATA drive bay
- ATX 107W 16V-28V DC-in power supply, optional with AC-to-DC Adapter

Ordering Information

Standard	
eBOX639-836-FL 1.6G DC	Fanless embedded system with Intel® Atom™ processor N270 1.6 GHz and DC-in ATX 107W PSU
eBOX639-836-FL 1.6G AC	Fanless embedded system with Intel® Atom™ processor N270 1.6 GHz and 90W AC adapter
Optional	
2.5" HDD	40GB ~ 120GB
DDR2 DIMM	512MB ~ 2GB
CompactFlash™	256MB ~ 8GB
90W AC/DC power kit	
Power cord	
Wall mount bracket	

*Specifications and certifications are limited to optional.

Dimensions

