

eBOX620-831-FL

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



Front view



Rear view

Features

- Supports Intel® Atom™ processor N270 1.6 GHz onboard
- Intel® 945GSE+ICH7M chipset
- Fanless operation design with full feature I/O
- High performance DDR2 SODIMM max. up to 2GB
- One 2.5" SATA drive bay

Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
CPU	Intel® Atom™ processor N270 1.6 GHz
System Memory	1 x 200-pin DDR2 SODIMM max. up to 2GB
Chipset	Intel® 945GSE+ICH7M
BIOS	AMI 8Mbit with RPL/PXE LAN boot ROM
System I/O Outlet	3 x RS-232 (COM 1/2/3) 1 x VGA 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard/mouse 2 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Vdc power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 0-255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CompactFlash™
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	Screw type AC 60W adapter Input: AC 90-264V Output: DC 12V@5A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F) (with 1.6 GHz CPU, W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2Grms with CF (5-500Hz, X, Y, Z directions)
Dimensions	200mm (7.87") (W) x 120mm (4.72") (D) x 56mm (2.2") (H)
Weight (net/gross)	1.8 kg (3.97 lb)/2.6 kg (5.73 lb)
Certification	CE class B
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 Y cable for PS/2 keyboard/mouse
1 x Screw pack
4 x Foot pad
1 x Power adapter
1 x CF Mylar

Ordering Information

Standard	
eBOX620-831-FL -1.6G	Fanless embedded system with Intel® Atom™ processor N270 1.6 GHz, 60W AC/DC adapter
Optional	
2.5" HDD	40GB ~ 160GB
DDR2 SODIMM	256MB ~ 2GB
1 x CompactFlash™	256MB ~ 8GB
Din rail kit	
Wall mount kit	
VESA mount kit	
Power cord	

*Specifications and certifications are limited to optional.

Dimensions

