

# eBOX620-831-FL

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

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Industrial & Embedded Computers

*New*



Front view



Rear view

## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
CPU	Intel® Atom™ N270 1.6 GHz processor
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	12V DC-in 60W adapter
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
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
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



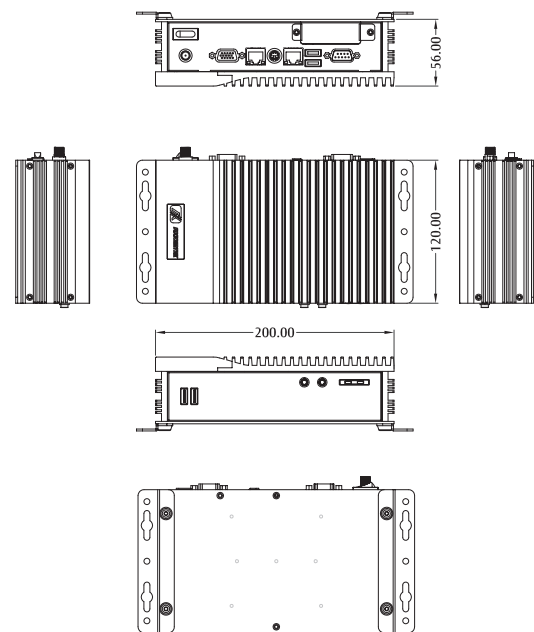
- ▶ Supports Intel® Atom™ N270 1.6 GHz processor onboard
- ▶ Intel® 945GSE+ICH7M chipset
- ▶ Fanless operation design with full feature I/O
- ▶ High performance DDR2 SODIMM max. up to 2GB
- ▶ One 2.5" SATA drive bay
- ▶ Watchdog Timer

## Ordering Information

Standard	
eBOX620-831-FL -1.6G	Fanless embedded system with Intel® Atom™ N270 1.6 GHz processor
Optional	
2.5" HDD	40GB ~ 160GB
DDR2 SODIMM	256MB, 512MB, 1GB
1 x CompactFlash™	256MB, 512MB, 1GB, 2GB, 4GB

\*Specifications and certifications are limited to optional.

## Dimensions



Embedded Systems

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories