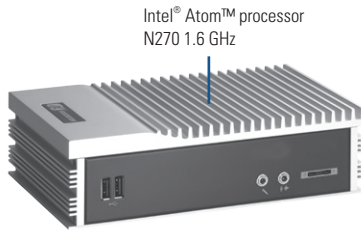


eBOX621-831-FL

Fanless Embedded System with Intel® Atom™ Processor N270 1.6 GHz and 9 ~ 34VDC Input



▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor N270 1.6 GHz
System Memory	1 x 200-pin DDR2 SO-DIMM max. up to 2 GB
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 (Realtek RTL8111B) 4 x USB 2.0 1 x VDC power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay 1 x CompactFlash™ slot
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	42.5W 9 ~ 34VDC
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	2 Grms with CF (5 - 500 Hz, X, Y, Z directions)
Dimensions	200 mm (7.87") (W) x 120 mm (4.72") (D) x 56 mm (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, WES, WES7

- * XPE: Windows® XP Embedded
- * WES: Windows® XP Embedded Standard
- * WES7: Windows® Embedded Standard 7
- * WES8: Windows® Embedded Standard 8

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
- 2 x CF mylar
- 1 x DC-in connector

* All specifications and photos are subject to change without notice.
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Features

- Intel® Atom™ processor N270 1.6 GHz onboard
- Intel® 945GSE + ICH7M chipset
- Fanless operation design with full feature I/O
- One 2.5" SATA drive bay
- 9 ~ 34VDC wide range DC input



▲ Rear view

Power Protection

DC Version

- EMI suppression filter
- OVP (over voltage protection)
- UVP (under voltage protection)
- OCV (over current protection)
- Reverse protection

Ordering Information

Standard

eBOX621-831-FL-1.6G Fanless embedded system with Intel® Atom™ processor N270 1.6 GHz, 9 ~ 34VDC input

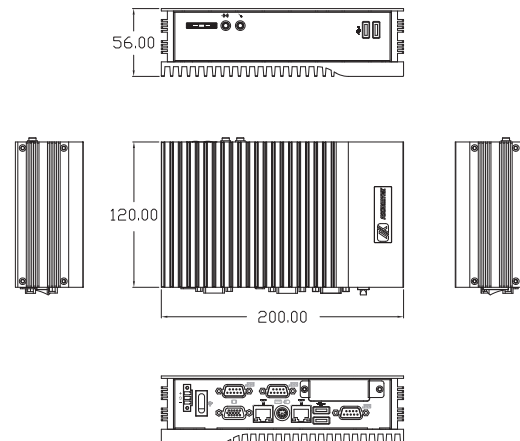
eBOX621-831-FL-1.6G w/o Logo Fanless embedded system with Intel® Atom™ processor N270 1.6 GHz, 9 ~ 34VDC input and w/o logo

Optional

- 2.5" SATA HDD 40 GB or above
- 2.5" SATA SSD 4 GB or above
- DDR2 SODIMM 256 MB ~ 2 GB
- CompactFlash™ 256 MB or above
- Din rail kit
- Wall mount kit
- VESA mount kit

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

Dimensions



Overview

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories