

eBOX622-831-FL

Fanless Embedded System with Intel® Atom™ N270 1.6 GHz Processor, Intel® 945GSE+ICH7M Chipset and 6 RS-232



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 2 GB
Chipset	Intel® 945GSE+ICH7M
BIOS	AMI 8Mbit with RPL/PXE LAN boot ROM
System I/O Outlet	6 x RS-232 (COM 1 - 6, optional COM 2 as RS-422/485) 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 Vbc power input connector 1 x ATX power switch
Watchdog Timer	255 levels, 0-255 sec.
Storage	Supports 1 x 2.5" SATA HDD drive bay Supports 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: DC12V@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	2 Grms w/ 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)	1.9 kg (4.19 lb)/2.7 kg (5.95 lb)
Certification	CE Class A
EOS Support	XPE, WinCE, Linux

* XPE: Windows® XP Embedded

Features



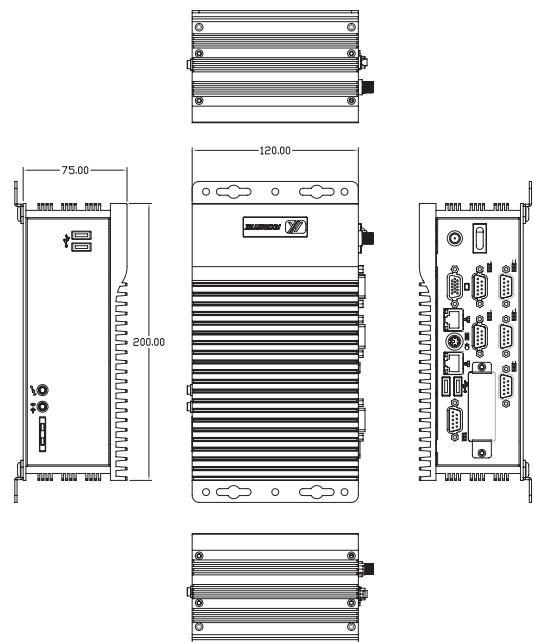
- Supports Intel® Atom™ processor N270 1.6 GHz onboard
- Intel® 945GSE+ICH7M chipset
- Supports 6 RS-232 ports
- Fanless operation design with full feature I/O
- High performance DDR2 SODIMM max. up to 2 GB
- One 2.5" SATA drive bay
- Watchdog Timer

Ordering Information

Standard	
eBOX622-831-FL 1.6G	Fanless embedded system with Intel® Atom™ N270 1.6 GHz processor, 60W AC/DC adapter and 6 RS-232
eBOX622-831-FL 1.6G-485	Fanless embedded system with Intel® Atom™ N270 1.6 GHz processor, 60W AC/DC adapter, 5 RS-232 and 1 RS-485
Optional	
2.5" HDD	40 GB - 512 GB
DDR2 SODIMM	256 MB - 2 GB
CompactFlash™	256 MB - 8 GB
Din rail kit	
Wall mount kit	
VESA mount kit	
Power Cord	

*Specifications and certifications are limited to optional.

Dimensions



Embedded Systems

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories