

# eBOX620-823-FL

Fanless Embedded System with Intel® Atom™ Processor Z510/520PT and Intel® SCH US15WPT Chipset



## Specifications

Standard Color	Silver
Construction	Aluminum extrusion and heavy-duty steel
CPU	Intel® Atom™ processor Z510/520PT 1.33 GHz
System Memory	1 x 200-pin DDR2 SODIMM max. up to 1GB
Chipset	Intel® SCH US15WPT
BIOS	AMI 8Mbit with RPL/PXE LAN boot ROM
System I/O Outlet	2 x RS-232 (COM 1/2) 1 x VGA 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard/mouse 1 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x SMA type connector opening 1 x V <sub>DC</sub> 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	1 x Express Mini card (USB signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	12V DC-in
Operating Temperature	-20°C-70°C (-4°F-158°F) (with 1.33 GHz CPU, W.T. HDD)
Storage Temperature	-20°C-80°C (-4°F-176°F)
Humidity	10%-90%, non-condensing
Vibration Endurance	1Grms w/ HDD (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
EOS Support	XPE, CE, Linux

\*W.T.: Wide Temperature. All W.T. supported products have to be sorted by AXIOMTEK.  
\*\*XPE: Windows® XP Embedded

## Features



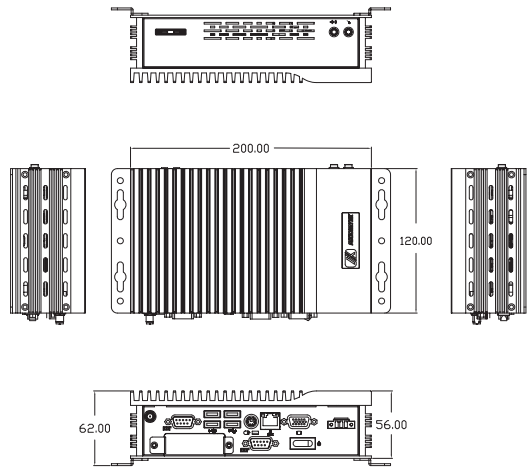
- Supports Intel® Atom™ processor Z510/520PT onboard
- Intel® SCH US15W PT chipset with I/O controller
- Supports wide operating temperature of -20°C-70°C
- Fanless operation design with full feature I/O
- High performance DDR2 SODIMM max. up to 1GB
- One 2.5" SATA HDD drive bay and CompactFlash™ slot
- Watchdog Timer

## Ordering Information

Standard	
eBOX620-823-FL -1.33G	Fanless embedded system with Intel® Atom™ processor Z520PT 1.33 GHz
Optional	
2.5" SATA HDD	40GB-120GB
DDR2 SODIMM	256MB-2GB

\*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