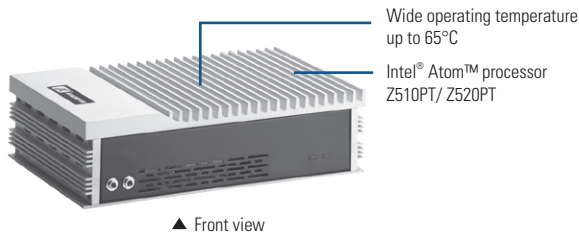


# eBOX620-823-FL

Fanless Embedded System with Intel® Atom™ Processor Z510PT/ Z520PT



▲ Front view



IP40

Fanless

Low Power

Extended Temperature

## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor Z510PT 1.1 GHz or Z520PT 1.33 GHz
System Memory	1 x 200-pin DDR2 SO-DIMM max. up to 2 GB
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 (Intel® 82574IT) 4 x USB 2.0 1 x SMA type connector opening for Antenna 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	1 x PCI Express Mini Card slot (USB signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	36W 12V ~ 24VDC
Operating Temperature	-40°C ~ +65°C (-40°F ~ +149°F) (with 1.33 GHz CPU, W.T. CF) -40°C ~ +60°C (-40°F ~ +140°F) (with 1.33 GHz CPU, W.T. HDD)
Storage Temperature	-45°C ~ +80°C (-49°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

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

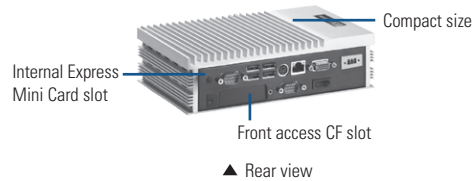
## Packing List

- 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 HDD mylar
- 1 x DC-in connector

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

- Intel® Atom™ processor Z510PT/ Z520PT onboard
- Intel® SCH US15WPT chipset with I/O controller
- Supports wide operating temperature of -40°C ~ +65°C
- Fanless operation design with full feature I/O
- One 2.5" SATA HDD drive bay and 1 CompactFlash™ slot
- Supports Jumbo Frame (9k), WoL, PXE Remote Boot



▲ Rear view

## Power Protection

### DC Version

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

## Ordering Information

### Standard

eBOX620-823-FL-1.3 G	Fanless embedded system with Intel® Atom™ processor Z520PT 1.33 GHz (-40°C ~ +65°C)
eBOX620-823-FL-1.1 G	Fanless embedded system with Intel® Atom™ processor Z510PT 1.1 GHz (-40°C ~ +65°C)

### Optional

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

\* Specifications and certifications are based on options and may vary.  
\*\* This product contains antenna or related module defaultly.

## Dimensions

