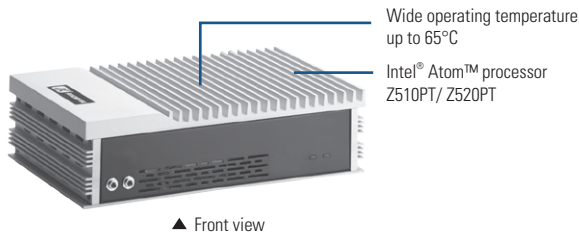


eBOX620-823-FL

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® XP Embedded Standard 7

* WES8: Windows® XP Embedded Standard 8

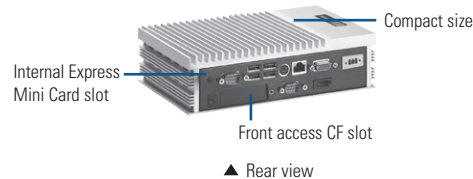
Packing List

- 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)
OCP (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)

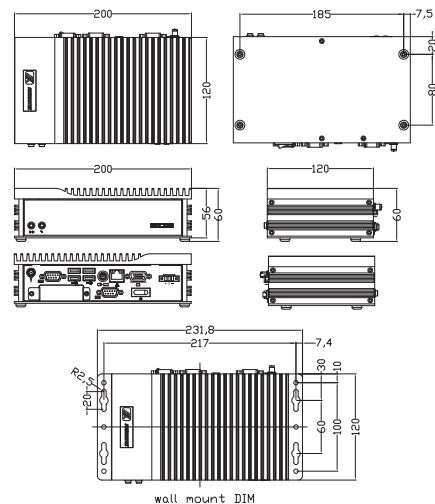
Optional

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



Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[EBOX620-823-1.1G](#) [EBOX620-823-1.3G](#)