

# eBOX530-820-FL

Fanless Embedded System with Intel® Atom™ Processor  
Z510/ Z530 up to 1.6 GHz



◀ Front view



◀ Rear view

## Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP40
CPU	Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz)
System Memory	1 x 200-pin DDR2 SO-DIMM max. up to 2 GB
Chipset	Intel® US15W core logic
BIOS	Phoenix-Award
System I/O Outlet	2 x RS-232 (COM 1/2) 1 x VGA 1 x Audio (Line-out/Mic-in) 1 x PS/2 keyboard/mouse 1 x 10/100/1000Mbps Ethernet 4 x USB 2.0 1 x Vdc 5V power input connector
Watchdog Timer	255 levels, 1 ~ 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	Input: AC 100 ~ 240V, AC 25W adapter with lock Output: DC 5V @ 5A
Operating Temperature	0°C ~ +45°C (32°F ~ 113°F) (with W.T. HDD)
Storage Temperature	0°C ~ +50°C (32°F ~ 122°F) (with W.T. SSD & W.T. CF)
Humidity	10% ~ 90%, non-condensing
Dimensions	132 mm (5.19") (W) x 95.4 mm (3.75") (D) x 47.5 mm (1.87") (H)
Weight (net/gross)	0.5 kg (1.1 lb)/0.6 kg (1.32 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux

\* XPE: Windows® XP Embedded

## 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
1 x power adapter
1 x wall mount kit
1 x power cord

## Features



- Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz) onboard
- Intel® US15W core logic chipset
- Ultra slim and compact design
- Supports 4 USB 2.0 ports and 2 COM ports
- Supports one 10/100/1000Mbps Ethernet port
- One 2.5" SATA HDD drive bay, CompactFlash™



## Power Protection

### AC Version

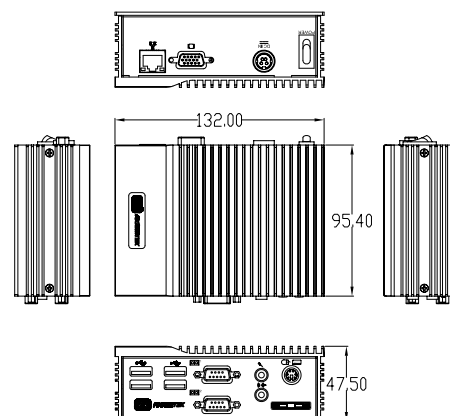
OVP (over voltage protection)	SCP (short circuit protection)
OPP (over power protection)	

## Ordering Information

Standard	
eBOX530-820-FL1.1G	Fanless embedded system with Intel® Atom™ processor Z510 1.1 GHz, 25W AC/DC adapter
eBOX530-820-FL1.6G	Fanless embedded system with Intel® Atom™ processor Z530 1.6 GHz, 25W AC/DC adapter
Optional	
2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR2 SODIMM	512 MB ~ 2 GB
CompactFlash™	1GB or above
Din rail kit	
VESA mount kit	

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

## Dimensions



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