

# eBOX510-820-FL

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



## 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	1 x RS-232 (COM 1) 1 x VGA 1 x Audio (Line-out) 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 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 - +50°C (32°F - 122°F) (with W.T. CF)
Storage Temperature	-20°C - +80°C (-4°F - +176°F)
Humidity	10% - 90%, no-condensing
Dimensions	132 mm (5.19") (W) x 95.4 mm (3.75") (D) x 37.5 mm (1.47") (H)
Weight (net/gross)	0.48 kg (1.06 lb)/0.5 kg (1.1 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux

\* XPE: Windows® XP Embedded

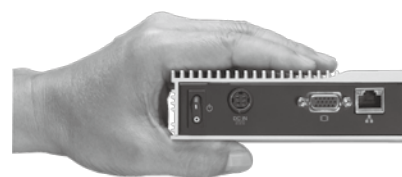
## Packing List

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 US power cord

## Features



- Supports Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz)
- Intel® US15W core logic chipset
- Ultra slim and power-efficient design
- Supports 4 USB 2.0 ports and 1 COM port
- Supports one 10/100/1000Mbps Ethernet port
- One CompactFlash™



## Power Protection

### AC Version

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

## Ordering Information

Standard	
eBOX510-820-FL 1.1G	Fanless embedded system with Intel® Atom™ processor Z510 1.1 GHz, 25W AC/DC adapter
eBOX510-820-FL 1.6G	Fanless embedded system with Intel® Atom™ processor Z530 1.6 GHz, 25W AC/DC adapter
Optional	
DDR2 SODIMM	512 MB - 2 GB
CompactFlash™	1 GB or above
Din rail kit	
VESA mount kit	

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

## Dimensions

