

eBOX511-820-FL

Fanless Embedded System with Intel® Atom™ Processor
Z510/ Z530 up to 1.6 GHz and Wide Range DC-in



Intel® Atom™ Z510/ Z530 processor

◀ Front view



Compact size

◀ 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 DC-inlet
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	25W wide-range DC-in (10Vbc ~ 30Vbc)
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 47.5 mm (1.87") (H)
Weight (net/gross)	0.6 kg (1.32 lb)/1.2 kg (2.64 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 wall mount kit

Features



- Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz) onboard
- Intel® US15W core logic chipset
- Ultra power-efficient slim design
- Supports 4 USB 2.0 ports and 2 COM port
- Supports one 10/100/1000Mbps Ethernet port
- Supports one CompactFlash™
- Wide range DC-in



Power Protection

DC Version

OVP (over voltage protection)	WVP (under voltage protection)
Reverse protection	

Ordering Information

Standard	
eBOX511-820-FL 1.1G	Fanless embedded system with Intel® Atom™ processor Z510 1.1 GHz and wide range DC-in
eBOX511-820-FL 1.6G	Fanless embedded system with Intel® Atom™ processor Z530 1.6 GHz and wide range DC-in
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

