

eBOX530-820-FL

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



Embedded Systems

Embedded Field Controllers

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories



Front view



Rear view

Features

- Supports Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz)
- 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™



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel
CPU	Intel® Atom™ processor Z510 (1.1 GHz) or Z530 (1.6 GHz)
System Memory	1 x 200-pin DDR2 SODIMM 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 90 ~ 264V screw type adapter AC 25W Output: DC 5V @ 4A
Operating Temperature	0°C ~ +45°C (32°F ~ 113°F) (with W.T. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
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, CE, 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

Ordering Information

Standard	
eBOX530-820-FL1.1G-FL	Fanless embedded system with Intel® Atom™ 1.1 GHz processor, 25W AC/DC adapter
eBOX530-820-FL1.6G-FL	Fanless embedded system with Intel® Atom™ 1.6 GHz processor, 25W AC/DC adapter
Optional	
2.5" SATA HDD	40 GB - 512 GB
DDR2 SODIMM	512 MB ~ 2 GB
CompactFlash™	256 MB ~ 8 GB
Din rail kit	
Wall mount kit	
VESA mount kit	
Power cord	

*Specifications and certifications are limited to optional.

Dimensions

