

eBOX531-820-FL

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



▲ Front view



IP40

Fanless

Low Power

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 (Realtek RTL8111B) 4 x USB 2.0 1 x VDC power input connector
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x CompactFlash™ slot 1 x 2.5 SATA HDD drive bay
Expansion Interface	N/A
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
Power Supply	25W 10 ~ 30VDC
Operating Temperature	0°C ~ +45°C (32°F ~ 113°F) (with W.T. HDD) 0°C ~ +50°C (32°F ~ 122°F) (with W.T. SSD & 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 59.5 mm (2.34") (H)
Weight (net/gross)	0.76 kg (1.67 lb)/1.3 kg (2.86 lb)
Certification	CE
EOS Support	XPE, WinCE, Linux, WES, WES7

- * XPE: Windows® XP Embedded
- * WES: Windows® XP Embedded Standard
- * WES7: Windows® XP Embedded Standard 7
- * WES8: Windows® XP Embedded Standard 8

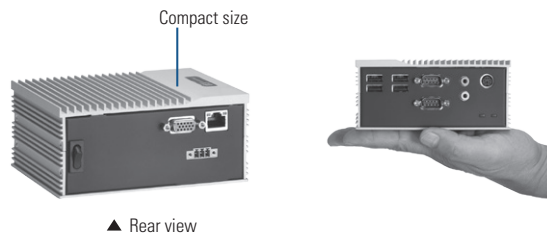
Packing List

- 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
- 1 x wall mount kit
- 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 Z510 (1.1 GHz) or Z530 (1.6 GHz) onboard
- Intel® US15W core logic chipset
- Ultra slim and power-efficient design
- Supports 4 USB 2.0 ports and 2 COM ports
- Supports 10/100/1000Mbps Ethernet
- One 2.5" SATA HDD drive bay, 1 CompactFlash™
- Wide range DC-in



▲ Rear view

Power Protection

DC Version

- OVP (over voltage protection)
- UVP (under voltage protection)
- Reverse protection

Ordering Information

Standard

eBOX531-820-FL1.1G	Fanless embedded system with Intel® Atom™ processor Z510.1 GHz and wide range DC-in
eBOX531-820-FL1.6G	Fanless embedded system with Intel® Atom™ processor Z530.1.6 GHz and wide range DC-in

Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
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

