

eBOX530-820-FL

Fanless Embedded System with Intel® Atom™ Processor up to 1.6 GHz and Intel® US15W Chipset

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Industrial & Embedded Computers

New



Front view



Rear view

Specifications

Standard Color	Silver-Black
Construction	Aluminum
CPU	Intel® Atom™ Z510 (1.1 GHz) or Z530 (1.6 GHz) processor
System Board	PICO820
System Memory	1 x 200-pin DDR2 max. up to 2GB
Chipset	Intel® US15W core logic
BIOS	AMI
System I/O Outlet	2 x RS-232 (COM 1/2) 1 x VGA 1 x Audio (Line-out/Line-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	External 5V AC/DC power adapter
Operating Temperature	0°C ~ 50°C (32°F ~ 122°F) (with W.T. HDD)
Storage Temperature	-20°C ~ 80°C (-4°F ~ 176°F)
Humidity	10%-90%, no-condensing
Vibration Endurance	1 Grms w/ HDD (5-500Hz, X, Y, Z directions)
Dimensions	130mm (5.11") (W) x 95.4mm (3.75") (D) x 47.1mm (1.85") (H)
Weight	0.5kg (1.1 lb)
Certification	CE
EOS Support	N/A

*W.T.: Wide Temperature. All W.T. supported products have to be sorted by AXIOMTEK.

**XPE: Windows® XP Embedded

Features



Embedded Systems

- ▶ Supports Intel® Atom™ processor up to 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™
- ▶ Watchdog timer
- ▶ Din-rail (optional)/desktop/wall mount

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Industrial Workstations

Backplanes

Power Supplies

Peripherals & Accessories



Ordering Information

Standard	
eBOX530-820-FL1.1G-FL	Fanless embedded system with Intel® Atom™ 1.1 GHz processor
eBOX530-820-FL1.6G-FL	Fanless embedded system with Intel® Atom™ 1.6 GHz processor
Optional	
2.5" SATA HDD	20GB~160GB
DDR2 SODIMM	256MB, 512MB, 1GB

*Specifications and certifications are limited to optional.