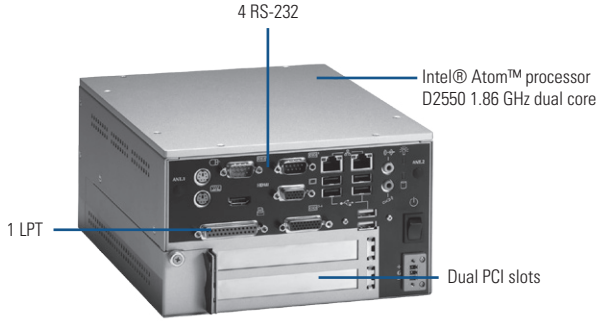
eBOX639-830-FL

Fanless Embedded System with Intel® Atom™ Processor D2550 1.86 GHz, 1 LPT and 2 PCI slots

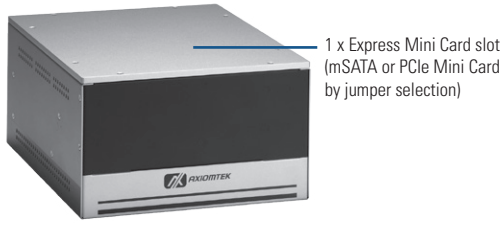


▲ Front view

Supports Intel Atom inside | IP30 | Fanless | Low Power | EN60950 | DDR3

Features

- Intel® Atom™ processor D2550 1.86 GHz dual core onboard
- Fanless operation design with full feature I/O
- High performance DDR3-1066 SO-DIMM max. up to 4 GB
- One 2.5" SATA drive bay
- 2 PCI slots and 1 internal PCI Express Mini Card slot
- Supports Jumbo Frame



▲ Rear view

Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Intel® Atom™ processor D2550 1.86 GHz dual core
System Memory	1x 204-pin DDR3 1066 SO-DIMM, max. up to 4 GB
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	2 x 10/100/1000Mbps Ethernet 4 x RS-232 6 x USB 2.0 1 x Audio (MIC_in/Line_out) 1 x PS/2 for Keyboard 1 x PS/2 for Mouse 1 x VGA 1 x HDMI 1 x LPT 1 x VDC power input connector 1 x ATX Power Switch 2 x SMA type connector opening for antenna
Watchdog Timer	255 levels, 1 ~ 255 sec.
Storage	1 x 2.5" SATA HDD drive bay
Expansion Interface	2 x 32bit/33MHz PCI slots, support max. length of 200 mm of PCB boards expansion 1 x Full Size PCI Express Mini Card (mSATA or PCIe Mini Card by jumper selection)
System Indicator	1 x orange LED for HDD active 1 x green LED for system power
Power Supply	DC ATX 107W Input: DC 16~28VDC Output: +3.3VDC @ 6A, +5VDC @ 9A, +12VDC @ 3A, -12VDC @ 0.1A, +5Vsb @ 1A
Operating Temperature	-10°C ~ +50°C (14°F ~ 122°F) (With W.T. SSD/DRAM)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Dimensions	192 mm (7.56") (W) x 230 mm (9.05") (D) x 115.8 mm (4.56") (H)
Vibration Endurance	2 Grms with SSD (5 - 500 Hz, X,Y, Z directions)
Weight (net/gross)	3.2 kg (7.05 lb)/ 4.5 kg (9.92 lb)
Certificate	CE (Class A)
EOS support	WES7, Linux

Packing List

1 x quick manual
1 x driver cd
1 x screw pack
4 x foot pad
1 x Adapter with power cord or DC-in connector

Power Protection

DC Version
OVP (over voltage protection)
UVP (under voltage protection)
OCP (over current protection)
SCP (over temperature protection)
Reverse protection

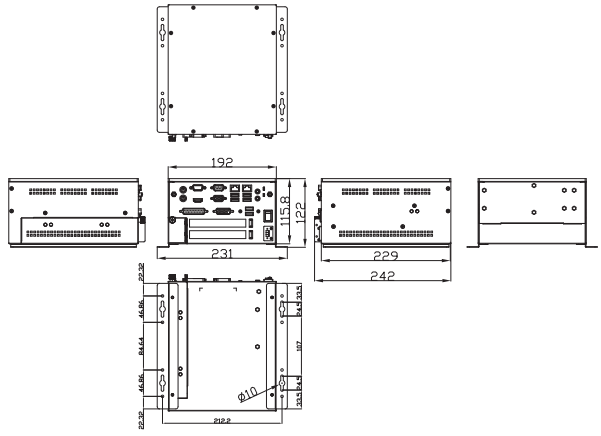
Ordering Information

Standard	
eBOX639-830-FL-DC	Fanless embedded system with Intel® Atom™ processor D2550, VGA, 2 GbE LAN, 6 USB, 2 PCI slots, HDD support and DC-in

Optional	
2.5" SATA HDD	80 GB or above
2.5" SATA SSD	40 GB or above
DDR3 SO-DIMM	1 GB ~ 4 GB
Wall mount kit	
Wi-Fi Module	
GPS module	
AC/DC adaptor	
Power Cord	

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

Dimensions



* All specifications and photos are subject to change without notice.