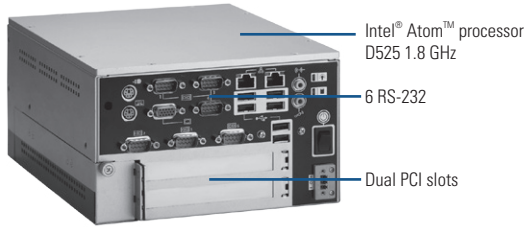


eBOX639-825-FL

Fanless Embedded System with Intel® Atom™ Processor D525 1.8 GHz and 2 PCI Slots



▲ Front view



Specifications

Standard Color	Silver-Black
Construction	Aluminum extrusion and heavy-duty steel, IP30
CPU	Intel® Atom™ processor D525 1.8 GHz dual core
System Memory	2 x 240-pin DDR3-800 DIMM max. up to 4 GB
Chipset	Intel® NM10
BIOS	AMI
System I/O Outlet	6 x RS-232 1 x VGA 1 x Audio (Mic-in/Line-out) 1 x PS/2 keyboard 1 x PS/2 mouse 2 x 10/100/1000Mbps Ethernet (Realtek RTL8111E) 6 x USB 2.0 1 x SMA type connector opening for antenna 1 x VDC power input connector 1 x ATX power switch
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 PCI Express Mini Card slot (USB+PCI Express signal)
System Indicator	1 x green LED for system power-on 1 x orange LED for HDD active
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. HDD)
Storage Temperature	-20°C ~ +80°C (-4°F ~ +176°F)
Humidity	10% ~ 90%, non-condensing
Vibration Endurance	2 Grms with SSD (5-500Hz, X, Y, Z directions)
Dimensions	192 mm (7.56") (W) x 230 mm (9.05") (D) x 115.8 mm (4.56") (H)
Weight (net/gross)	4.1 kg (9.03 lb) / 4.8 kg (10.58 lb)
Certificate	CE
EOS Support	XPE, WinCE, Linux, WES

Packing List

- 1 x quick Manual
- 1 x driver CD
- 1 x screws pack
- 4 x foot pad
- 4 x HDD anti-vibration damper
- 1 x DC-in connector

Features

- Intel® Atom™ processor D525 1.8 GHz dual core onboard
- Fanless operation design with full feature I/O
- High performance DDR3-800 DIMM max. up to 4 GB
- 1 swappable 2.5" SATA drive bay
- 2 PCI slots and 1 internal PCI Express Mini Card slot
- Supports Jumbo Frame



▲ Rear view

Power Protection

DC Version

- OVP (over voltage protection)
- UVP (Under voltage protection)
- OCV (over current protection)

Ordering Information

Standard

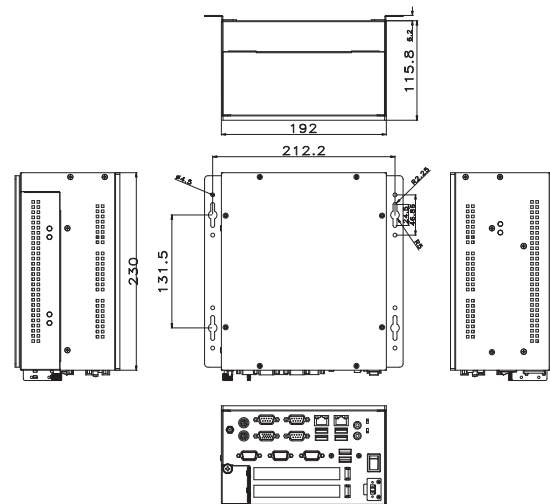
eBOX639-825-FL-D525-1.8G-DC	Fanless embedded system with Intel® Atom™ processor D525, VGA, 2 GbE LAN, 6 USB, 2 PCI slots, HDD and DC-in
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Optional

2.5" SATA HDD	40 GB or above
2.5" SATA SSD	4 GB or above
DDR3 SO-DIMM	1 GB ~ 4 GB
Wi-Fi module	
GPS module	
Graphic codec module	
Wall mount kit	
Power cord	
AC power kit	

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

Dimensions



Overview

1

Embedded Systems

Embedded Systems for Transportation

Embedded Field Controllers

Industrial Firewall

Digital Signage Solutions

Embedded MicroBoxes

Industrial Barebone Systems

Industrial Chassis

Backplanes

Power Supplies

Peripherals & Accessories

