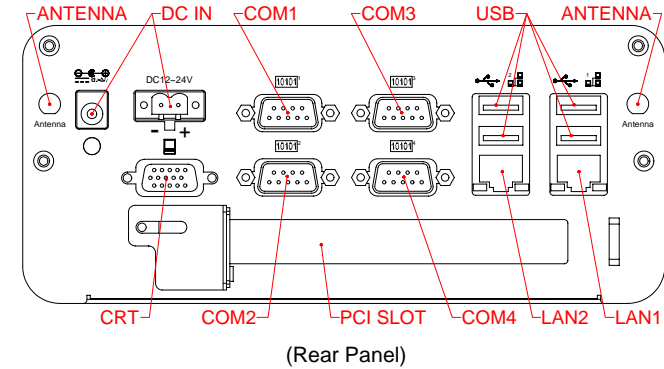
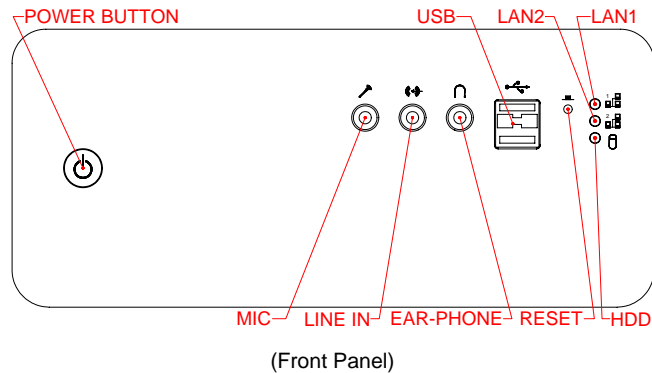
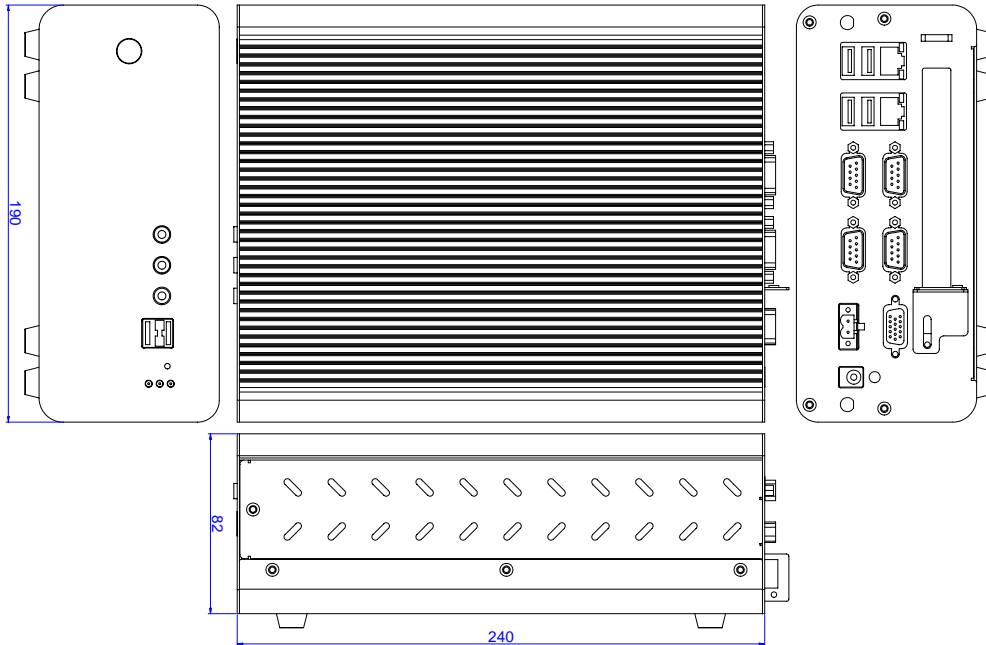


## 1. Brief

The FX5636x is a fanless, compact size embedded system with Intel® Atom™ D525 processor board inside. This user's quick reference provides the I/O outlets description and their pin assignment.

## 2. Dimensions (in mm) and Front/Rear Panel Information



## 3. Packing List

### A. Standard Items

- 1 FX5636x embedded system.
- 1 AC to DC power adapter and 1 AC power cord cable.
- 1 pack of 2.5" SATA hard disk installation kit (2 cables with 4 fixed screws).
- 1 2-pin apartable terminal block.
- 1 compact disc includes software utilities and manuals.

### B. Optional Items

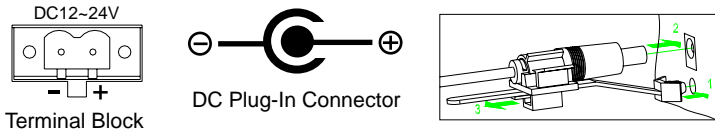
- Half size mini PCIe module adapter kit (AK1006, 1 piece of metal with 2 screws, P/N: 0606010028G)
- Wall mounting kit (FX5636K1, P/N: 0606010027G, 2 pieces of metal with 4 fixed screws)

## 4. Features

- \* **Processor Board**  
Intel® Atom™ D525 (1.8GHz, 1MB L2, FSB 800MHz, 13 Watts) low power processor with 2GB DDR3 RAM. (4GB DDR3 maximum)
- \* **I/O Outlets**  
Two 10/100/1000 base-TX Ethernet ports.  
6 USB ports, 3 RS-232, and 1 RS-232/422/485 serial ports.  
1 VGA, 1 Earphone, 1 Microphone, and 1 Line-In connectors.  
1 DC-In plug connector, 1 terminal block, and 1 power switch with power LED indicator.  
1 free PCI slot for Add-On cards.  
1 HDD/CFast access LED and 2 LAN LEDs.
- \* **Storage Bay**  
1 CFast socket for CFast modules.  
1 mini PCIe socket and 1 SIM socket.  
One 2.5" SATA hard disk space.
- \* **Power requirement**  
+12 ~ +24V DC, 2.9A maximum (1.5A typical) with 19V input voltage.
- \* **Dimensions**  
240.0mm(D) x 190.0mm(W) x 82.0mm(H) without rubber stands and wall mounting kit.

## 5. I/O outlets and LED Indicators

### A. Power Connectors (DC +12 to +24V, 65W minimum)



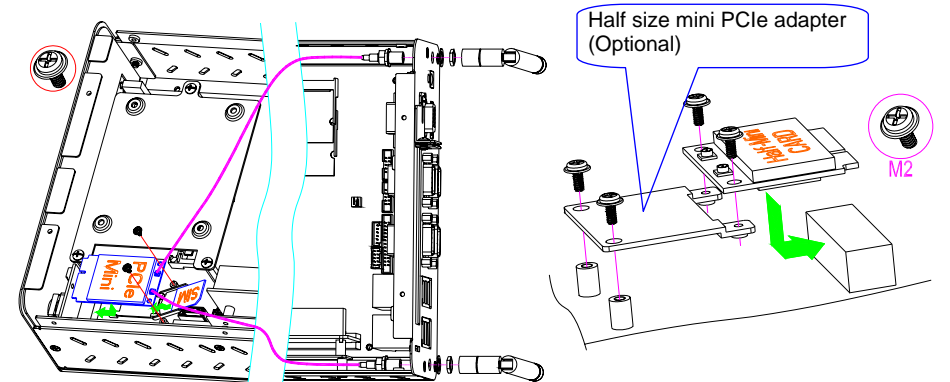
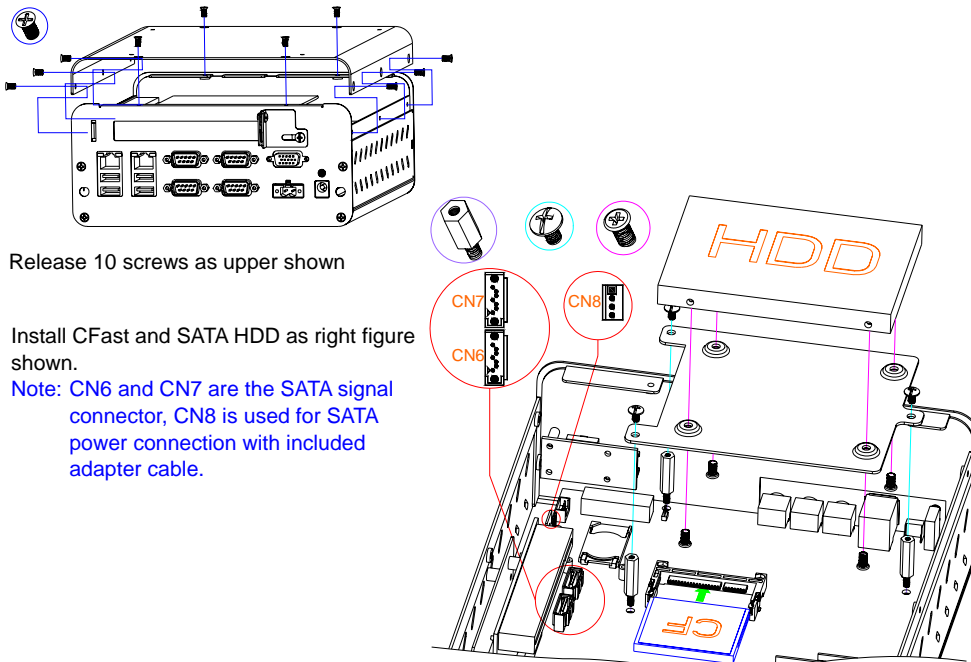
### B. LAN LED Indicators (RJ45)

The LAN port is a RJ45 connector with 2 LEDs. The orange LED indicates data is accessing and the green LED indicates on-line status.

## 6. Software Configuration and Driver Installation

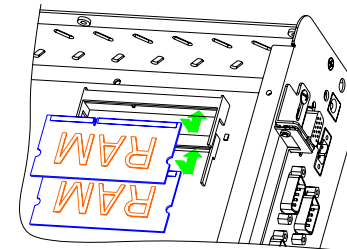
Please refer to the driver installing documentaion in the included Compact Disc for installing what device driver you need. If you need to change the system settings or configurations of I/O ports, Please refer to User's Manual (also in the included Compact Disc) for details.

## 7. Open the Bottom Cover for installing CFast, DDR3, HDD, WLAN, and Add-on Cards

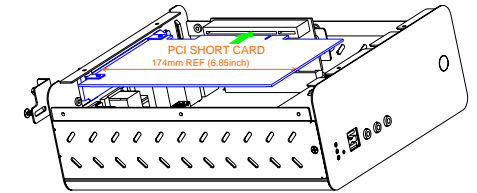


Install mini PCIe Module and Antenna.  
Note that install SIM card (if necessary) before installing mini PCIe module.

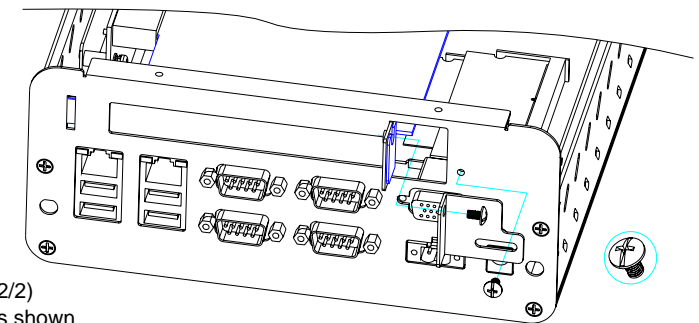
Installing half-size mini PCIe module if necessary.



Install DDR3 RAM Module (2 sockets)



Install PCI Add-on card (1/2)  
Insert PCI card to the PCI slot smoothly



Install PCI Add-on card (2/2)  
Fasten these 2 screws as shown

After all installations done, close bottom cover and fasten 10 screws

End of Document