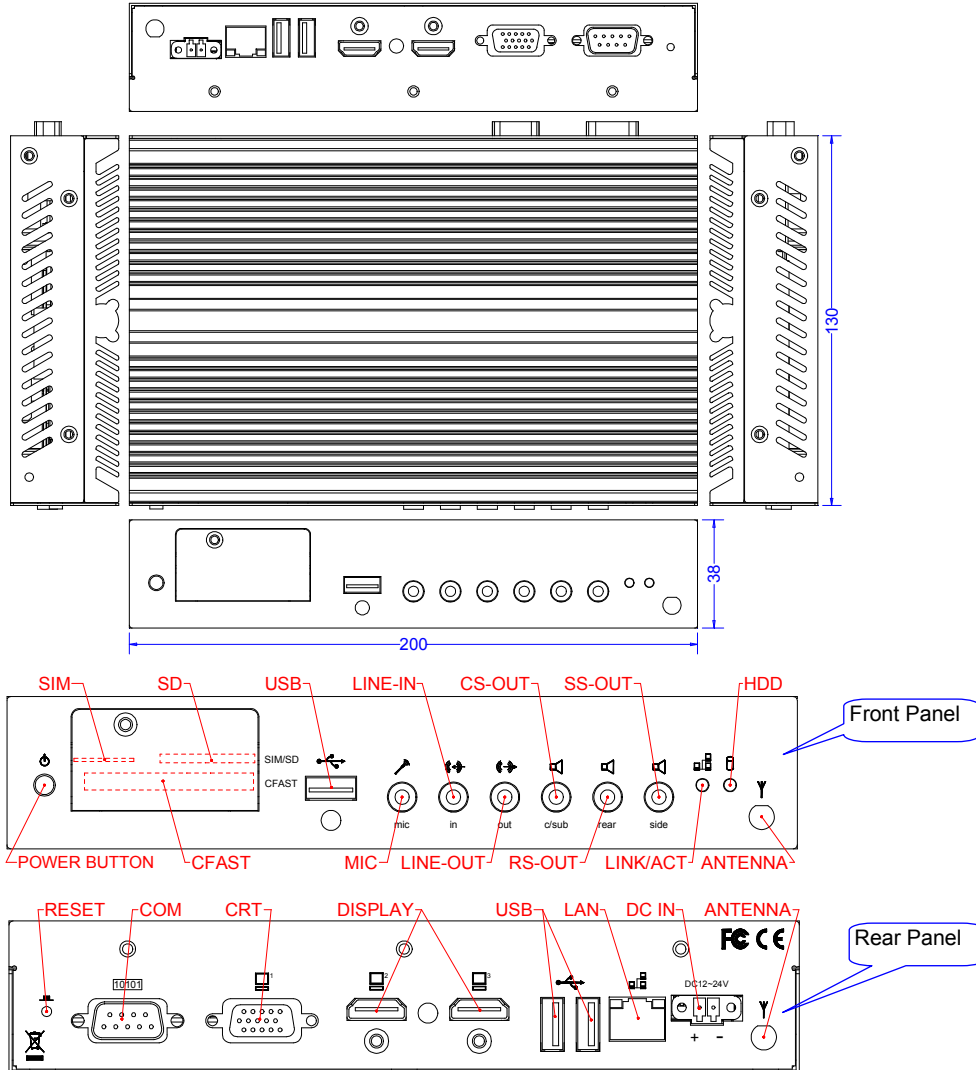


## 1. Brief

The FX5407x is a compact size embedded system with Intel® Atom™ E3845 processor board inside. This user's quick reference provides the I/O outlets description and their pin assignment.

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



## 3. Packing List

### A. Standard Items

- 1 FX5407x embedded system.
- 2 screws for 2.5" SATA hard disk installation.
- 2 screws for mini-card installation.
- 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 #1 (FX5407K1, 2 pieces of metal with 4 fixed screws, P/N: 0606010036R)
- Wall mounting kit #2 (FX5407K2, 2 pieces of metal with 4 fixed screws, P/N: 0606010037R)
- Panel back mounting kit #1 (FX5407K3, 2 pieces of metal with 12 screws, P/N: 0606010038R)
- Panel back mounting kit #2 (FX5504K1, 1 pieces of metal with 2 screws, P/N: 0606010012G)
- Rack mounting kit (FX5403K1, 2 pieces of metal with 4 screws, P/N: 0606010011G)

## 4. Features

### \* Processor Board

Intel® Atom™ E3845 (1.91GHz, 2MB Cache, FSB 1333MHz, 10 Watts) low power processor with 4GB (8GB maximum) DDR3L RAM.

### \* I/O Outlets

One 10/100/1000 base-TX Ethernet port.  
3 USB and 1 RS-232/422/485 serial ports.  
1 VGA, 2 HD display ports, 1 Earphone, 1 Microphone, and 7.1 sound system.  
1 terminal block for power input and 1 power button with power LED indicator.  
1 HDD/CFast access LED and 1 LAN Link/Active LED.

### \* Storage Bay

1 CFast socket and 1 SD Socket.  
1 mini PCIe socket and 1 SIM socket.  
One 2.5" SATA hard disk space.

### \* Power requirement

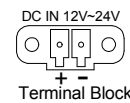
+12 ~ +24V DC, 1.2A maximum (0.8A typical) with 19V input voltage.

### \* Dimensions

130.0mm(D) x 200.0mm(W) x 38.0mm(H) without rubber stands and wall mounting kit.

## 5. I/O outlets and LED Indicators

### A. Power Connector (DC +12 to +24V, 28W minimum)



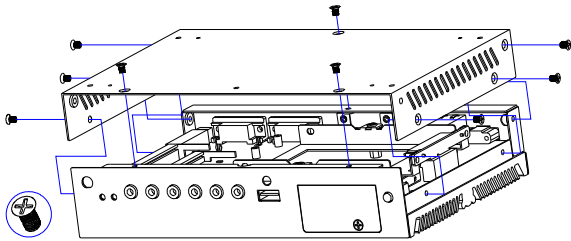
### B. LAN LED Indicators (RJ45)

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.

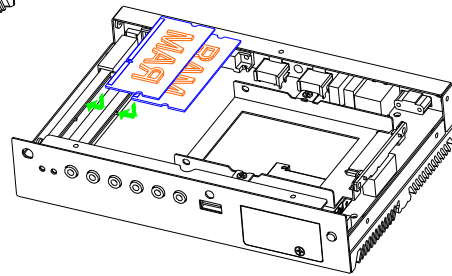
## 6. Software Configuration and Driver Installation

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.

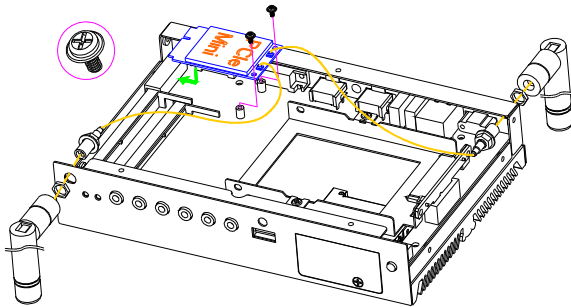
## 7. Installing Devices into FX5407x



Step 1: Open the Bottom Cover (9 screws)

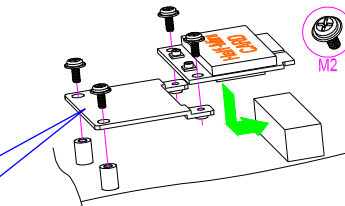


Step 2: Installing DDR3L Modules

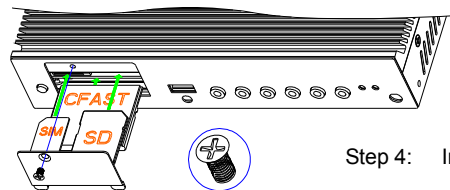


Step 3-1: Installing mini PCIe module and Antenna(s)

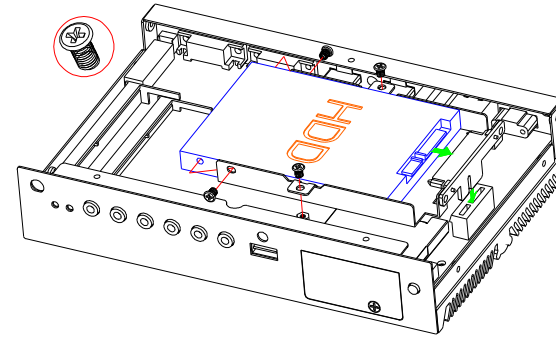
Half size mini PCIe adapter (Optional)



Step 3-2: Installing half-size mini PCIe module if necessary.



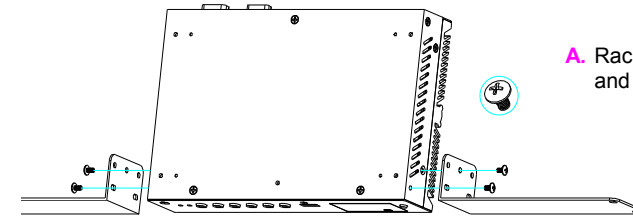
Step 4: Installing CFast, SD, and SIM Modules. (1 screw)



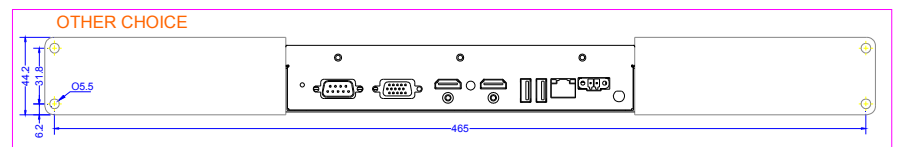
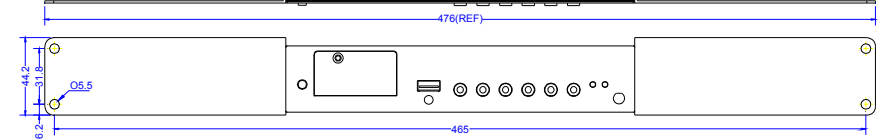
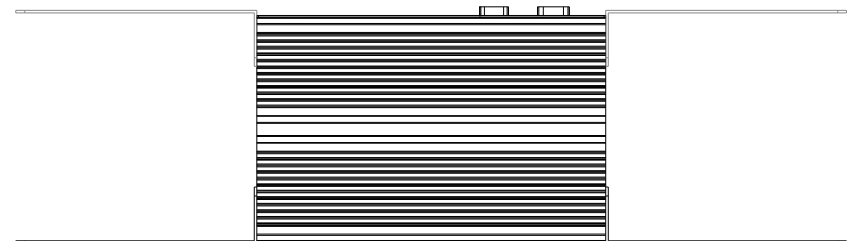
Step 5: Installing SATA HDD (4 Screws)

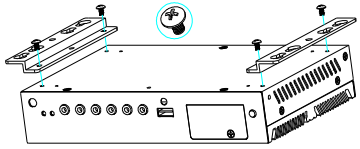
Step 6: Close bottom cover with reverse procedures of open it.

## 8. FX5407x Mounting

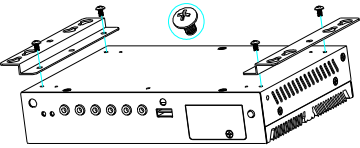
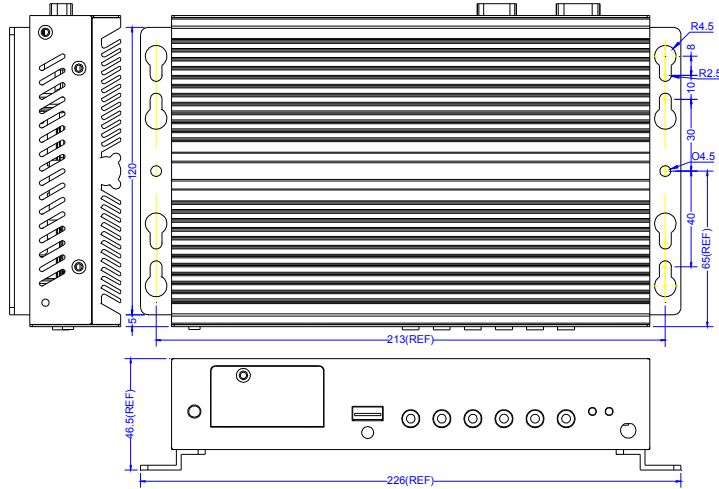


A. Rack Mounting Kit (FX5403K1) and its dimensions (Optional)

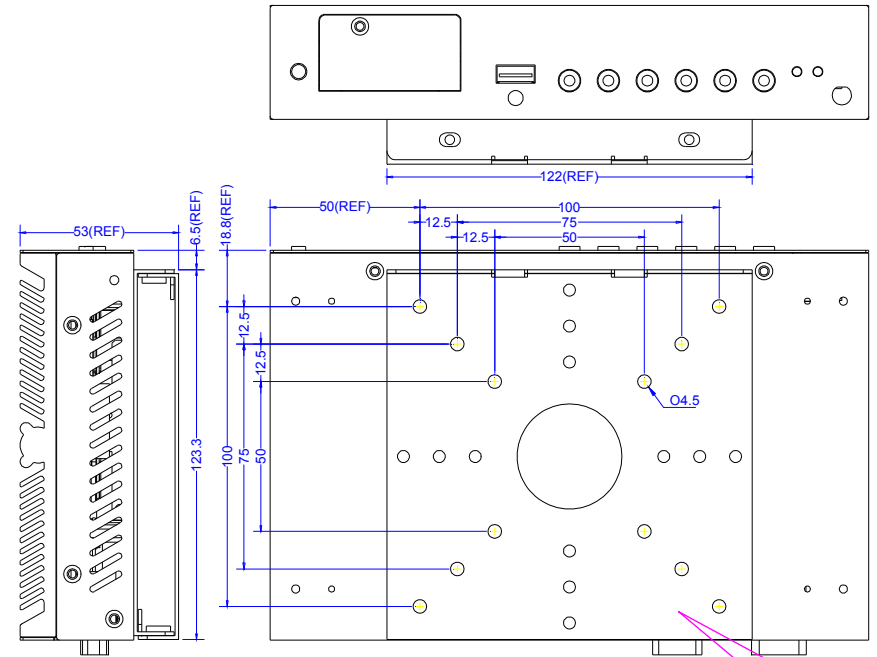
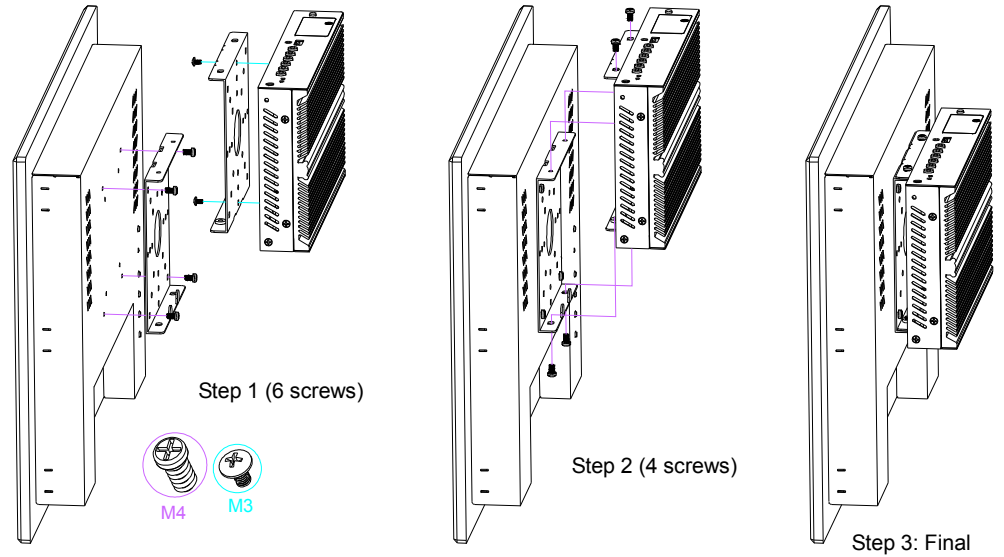
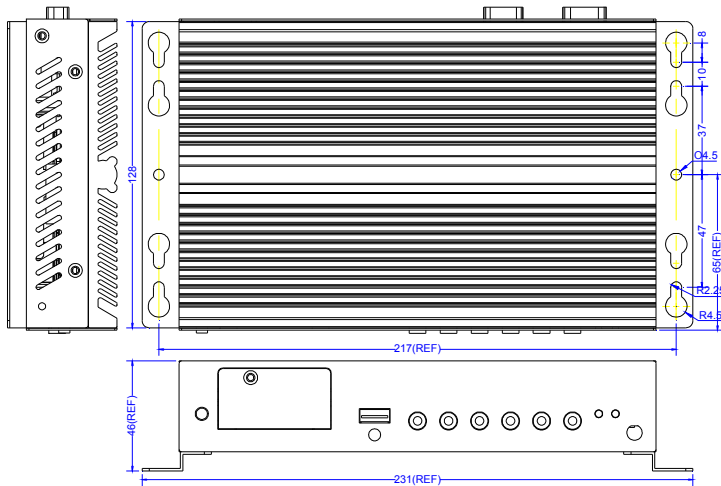




**B.** Wall mounting kit #1 (FX5407K1, optional) and its dimensions

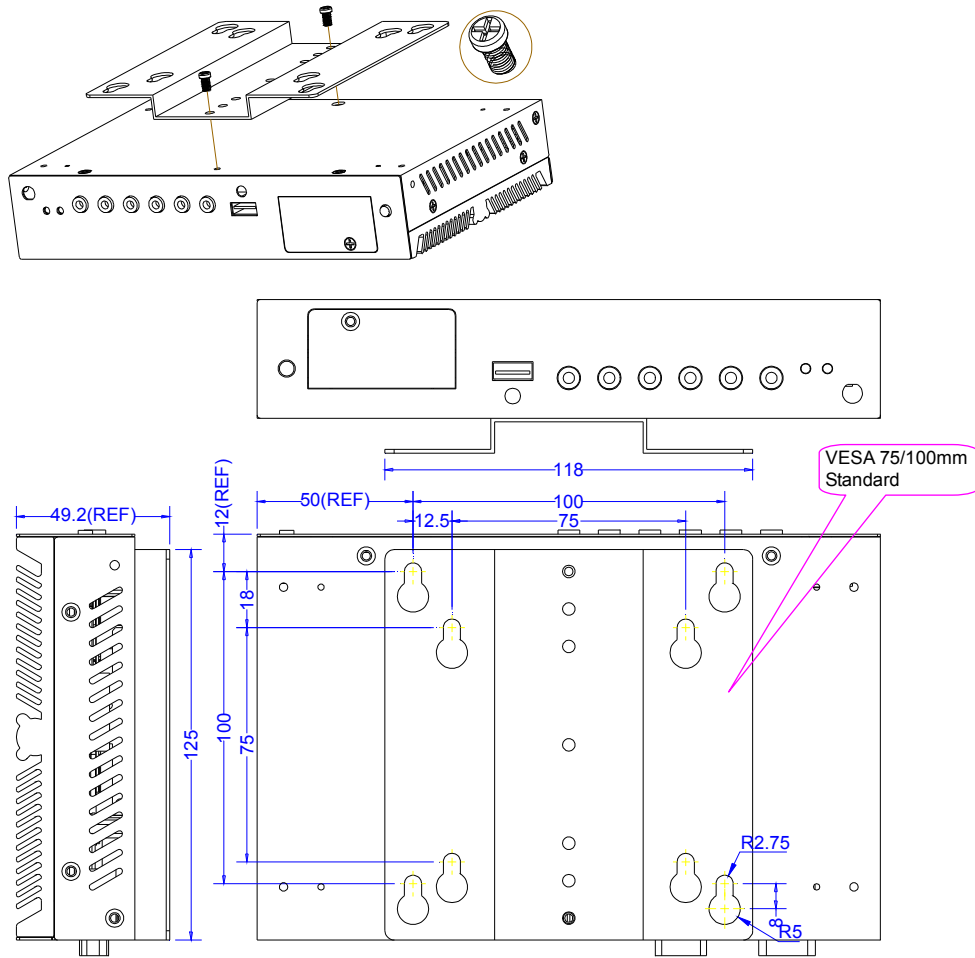


**C.** Wall mounting kit #2 (FX5407K2, optional) and its dimensions



**D.** Panel back mounting kit #1 (FX5407K3, optional) and its dimensions

VESA 50/75/100mm Standard



E. Panel back mounting kit #2 (FX5504K1, optional) and its dimensions

End of Document