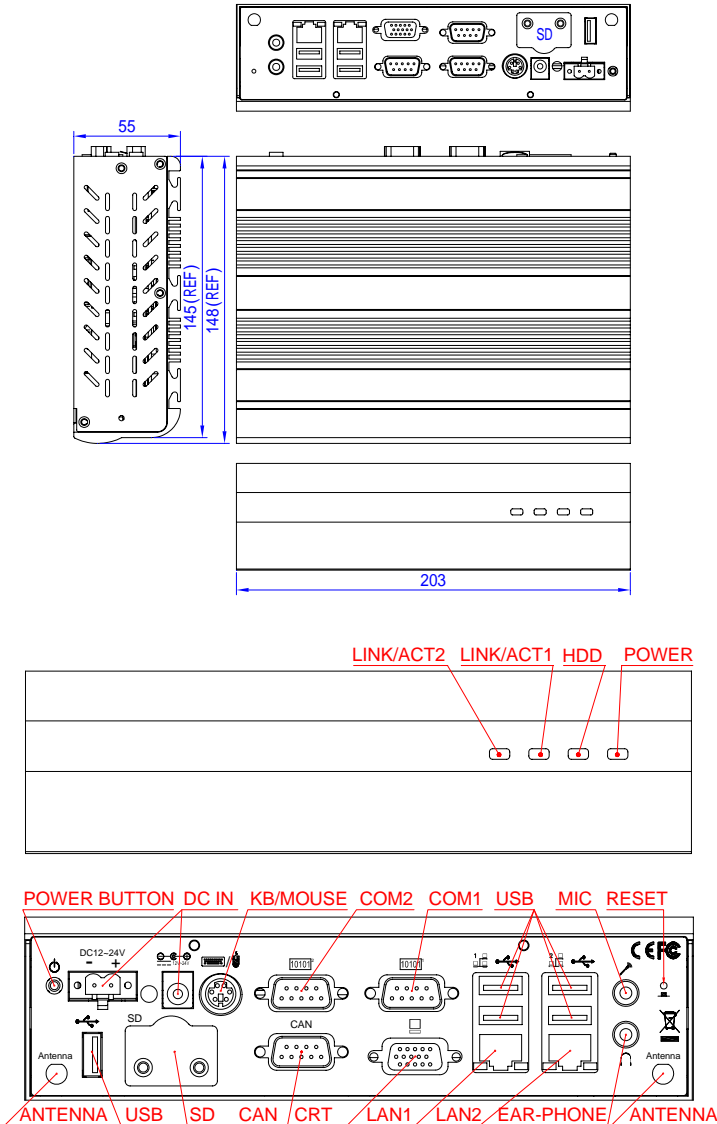


1. Brief

The FX5507L is a compact size embedded system with Intel ATOM D525 dual core 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 FX5507L embedded system.
- 1 AC to DC power adapter and 1 AC power cord cable.
- 2 SATA cables (signal & power) and 4 screws for fixing and connecting a 2.5" hard disk drive.
- 1 2-pin apartable terminal block and 2 screws for full size mini PCIe module installation.
- 1 compact disc includes software utilities and manuals.

B. Optional Items

- 1 Y-type (3-end) PS/2 keyboard plus mouse port adapter cable. (P/N: 7003000008G)
- 1 pack of half size mini PCIe module adapter kit. (1 piece of metal with 2 screws)
- 1 pack of wall mounting kit (FX5501K1, 2 stands with 4 screws, P/N: 0606010009G)
- 1 pack of rack mounting kit (FX5501K2, 2 pieces of metal with 4 screws, P/N: 0606010010G)
- 1 pack of panel back mounting kit (FX5504K1, 1 stand with 2 screws, P/N: 0606010012G)

4. Features

* Processor Board

Intel ATOM D525 Dual Core processor with 2GB DDR3 RAM.

* I/O Outlets

Two 10/100/1000 base-TX Ethernet ports.

5 USB ports, 1 RS-232, 1 RS-232/422/485, and 1 CAN BUS serial ports.

1 VGA and 1 PS/2 compatible keyboard/mouse interface.

1 Earphone and 1 Microphone connectors.

1 socket for mini PCIe modules, especially for WLAN/GPRS modules.

1 DC-In plug connector and 1 terminal block with 1 power switch.

1 Push button power switch, 1 power LED, 1 HDD/CF access LED, and 2 LAN LEDs.

* Storage Bay

1 CompactFlash socket for CompactFlash modules or MicroDrives.

1 SD socket supports up to 32GB SDHC.

One 2.5" SATA hard disk space.

* Power requirement

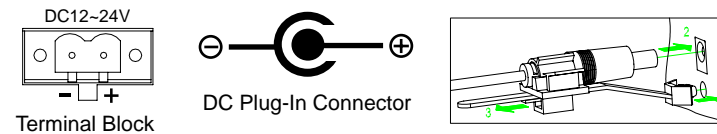
+12 ~ +24V DC, 2.33A maximum (1.18A typical) with 19V input voltage.

* Dimensions

148mm(D) x 203mm(W) x 55mm(H)

5. I/O outlets and LED Indicators

A. Power Connectors (DC +12 to +24V, 55W minimum)



B. Keyboard/Mouse Connector

Standard PS/2 keyboard can be plugged into this connector without any adapter cable. If PS/2 keyboard and mouse will be used simultaneously, the optional Y-type adapter cable is needed.

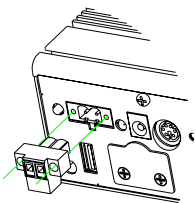
C. LAN LED Indicators (RJ45)

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.

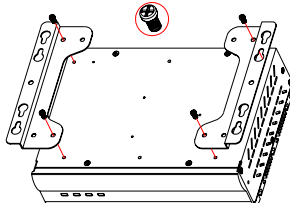
6. Software Configuration and Driver Installation

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.

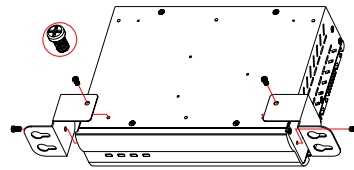
7. FX5507L Power Input and Mounting/Fixer Kits



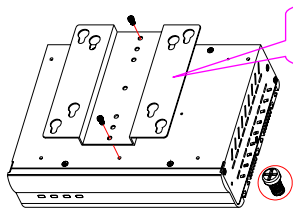
Power Input (Terminal Block)



Wall Mounting (FX5501K1)

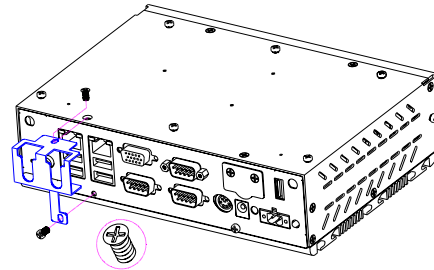


Rack Mounting (FX5501K2)



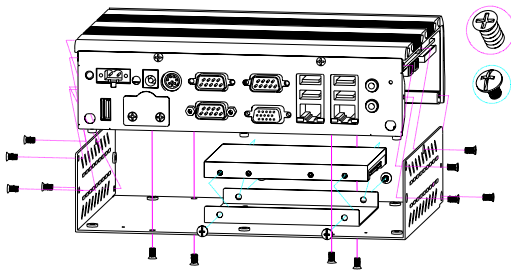
VESA 75/100mm Standard

Panel Back Mounting (FX5504K1)

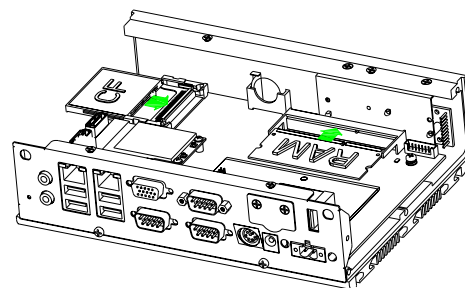


LAN Cable Fixing Kit (FX5507K1)
P/N: 0606010001G, **Optional**

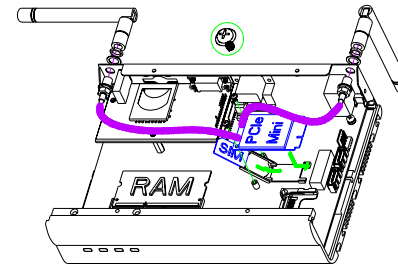
8. Installing Devices into FX5507L



Step 1: Open the Bottom Cover (12 screws)

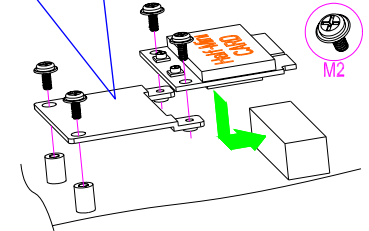


Step 2: Installing CF & DDR3 Modules

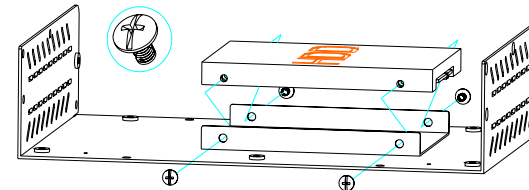


Step 3-1: Installing mini PCIe module, SIM Card, and Antenna(s)

Half size mini PCIe adapter (Optional)

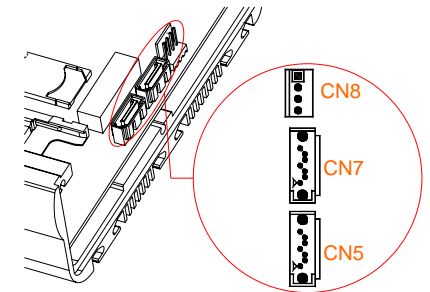


Step 3-2: Installing half-size mini PCIe module if necessary.

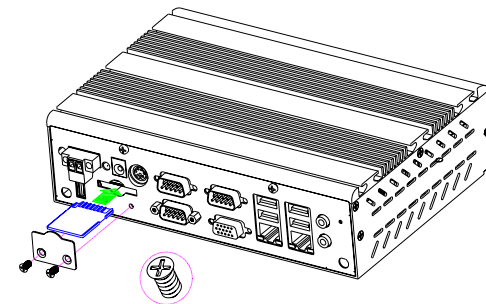


Step 4-1: Installing SATA HDD (4 Screws)

Step 4-2: Connecting power cable to CN8 of main board and signal cable to CN5 or CN7 for SATA HDD. (As the right figure shown)



Step 5: Close case with reverse procedures of open the case.



Step 6: Install SD/SDHC modules. (2 screws)

End of Document