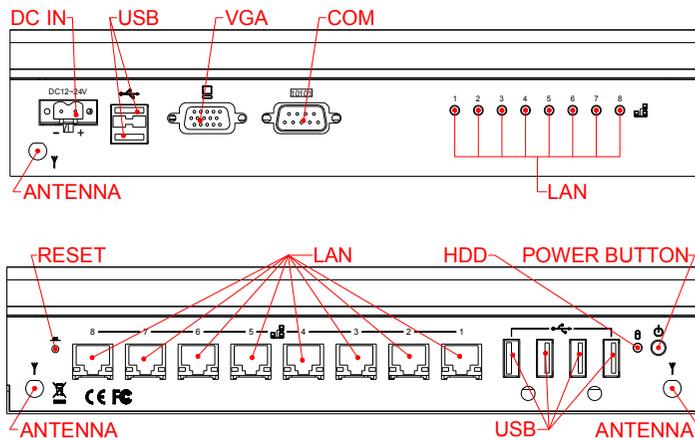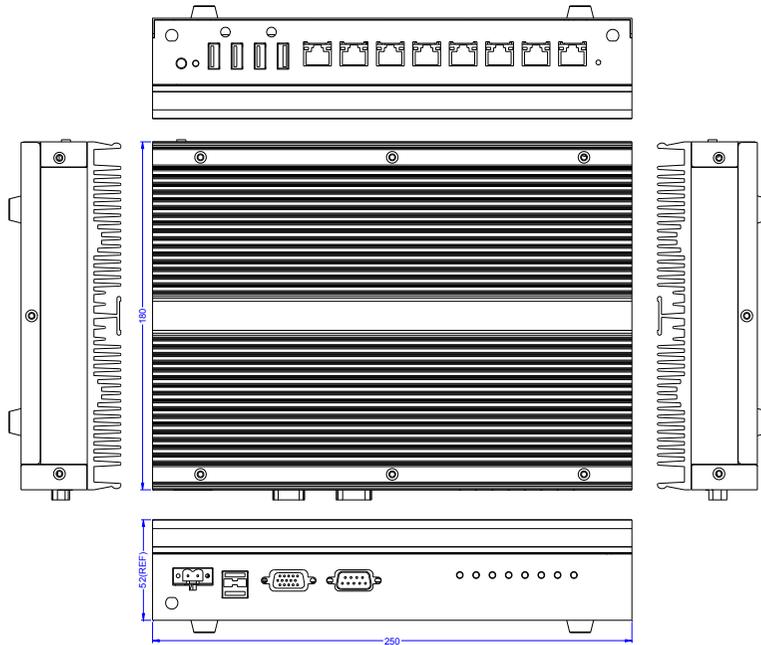## 1. Brief

The FX5626 is a fanless, compact size embedded system with Intel® Celeron™ J1900 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 FX5626 embedded system.
1 apartable terminal block (2-pin, pitch 5.08mm).
1 pack of fixed screws for 2.5" SATA hard disk and mini-card+mSATA (2+4 screws).
1 compact disc includes software utilities and manuals.

B. Optional Items

- Wall mounting kit (FX5501K1, P/N: 0606010009G-20, 2 pieces of metal with 4 fixed screws)
- Panel back mounting kit #1 (FX5504K1, P/N: 0606010012G, 1 piece of metal with 2 fixed screws)
- Panel back mounting kit #2 (FX5407K3, 2 pieces of metal with 12 screws, P/N: 0606010038R)
- Rack mounting kit (FX5622K1, P/N: 0606010024G, 2 pieces of metal with 4 fixed screws)
- Half size mPCIe module adapter kit (AK1006, 1 piece of metal with 2 screws, P/N: 0606010028G)

4. Features

* **Processor Board**
  Intel® Celeron™ J1900 (2.0GHz to turbo 2.42GHz, 4C/4T, 2MB Cache, 1333MHz FSB, 10 Watts) low power processor with 4GB DDR3L RAM. (16GB DDR3L is maximum)
* **I/O Outlets**
  8 GbE ports and 6 USB ports (1 V3.0).
  1 VGA (Analog) and 1 RS-232 serial port.
  1 TB for DC input power and 1 power button.
  1 HDD/mSATA access LED and 8 LAN LEDs.
* **Storage Bay**
  One 2.5" SATA hard disk space and 1 mSATA socket.
  1 mini PCIe socket and 1 SIM socket.
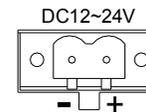* **Power requirement**
  +12 ~ +24V DC, 3.0A maximum (1.6A typical) with 19V input voltage.
* **Dimensions**
  180.0mm (D) x 250.0mm (W) x 52.0mm (H) without rubber stands and mounting kits.

5. I/O outlets and LED Indicators

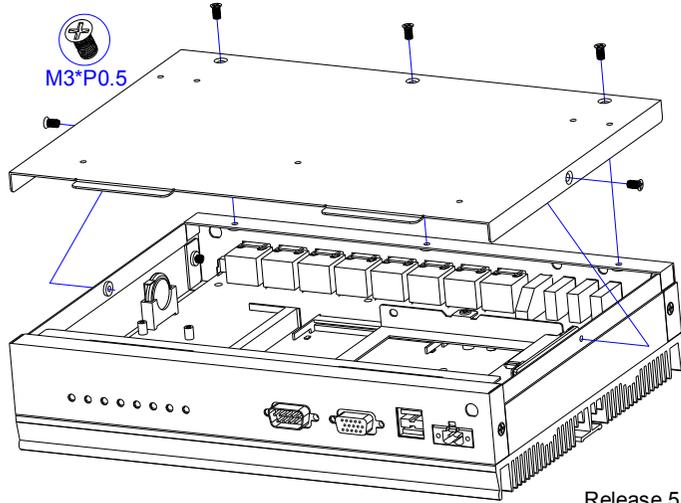### A. Power Connectors (DC +12 to +24V, 70W minimum)

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.
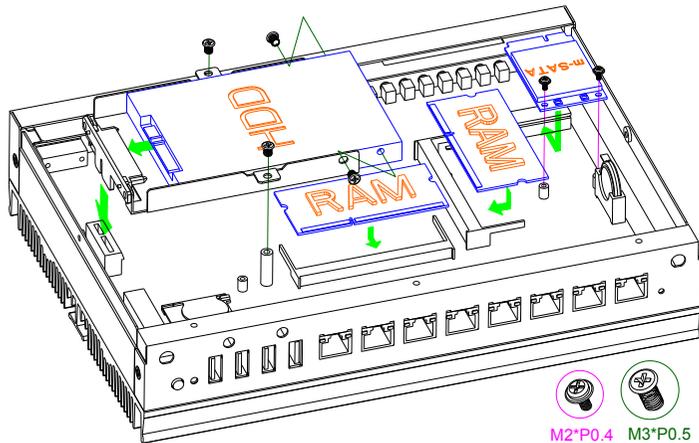
6. Software Configuration and Driver Installation

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.
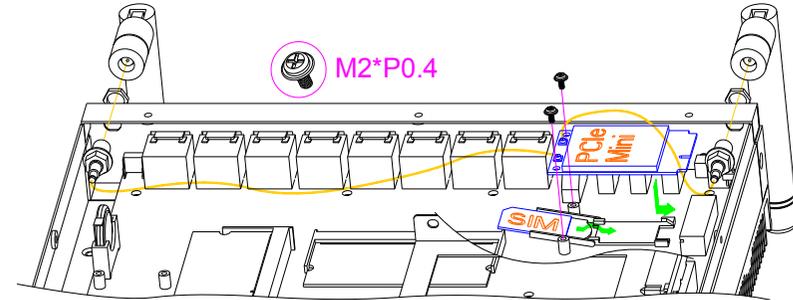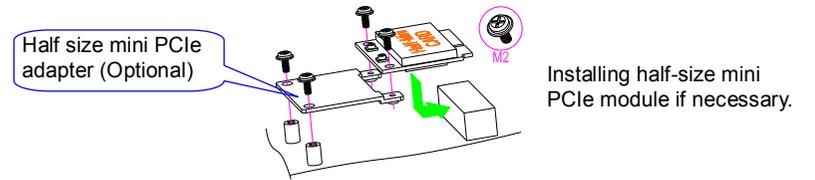
7. Open the Bottom Cover for installing HDD, DRAM, and mini cards (WLAN+Antenna)

Half size mini PCIe adapter (Optional)

M2

Installing half-size mini PCIe module if necessary.

M3*P0.5

M2*P0.4

Install SIM, mini PCIe Module, and Antenna. (2 screws)

After all installations done, close bottom cover and fasten 5 screws

Release 5 screws as upper shown
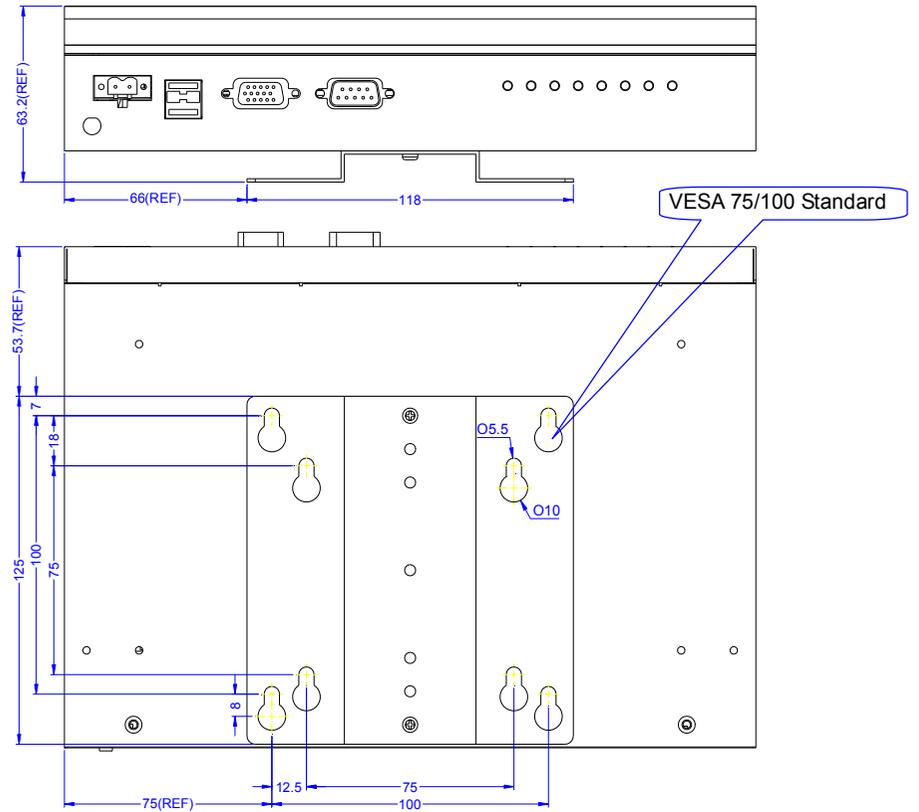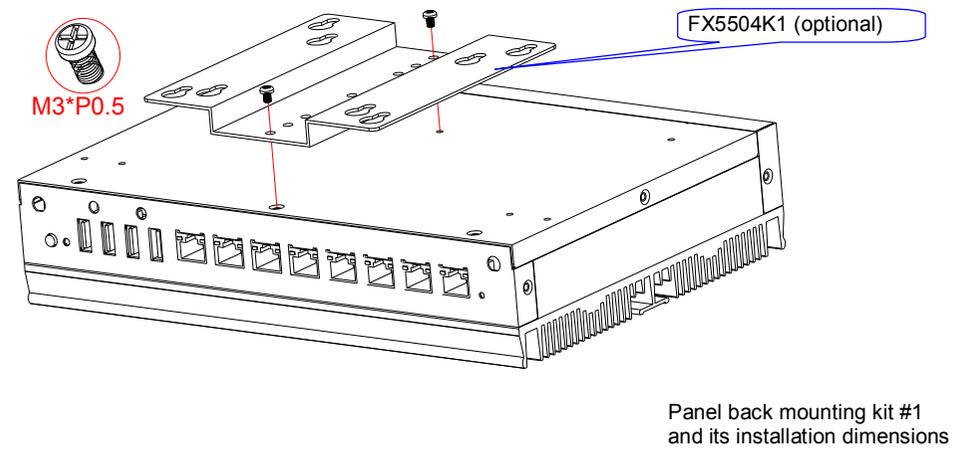
M2*P0.4   M3*P0.5

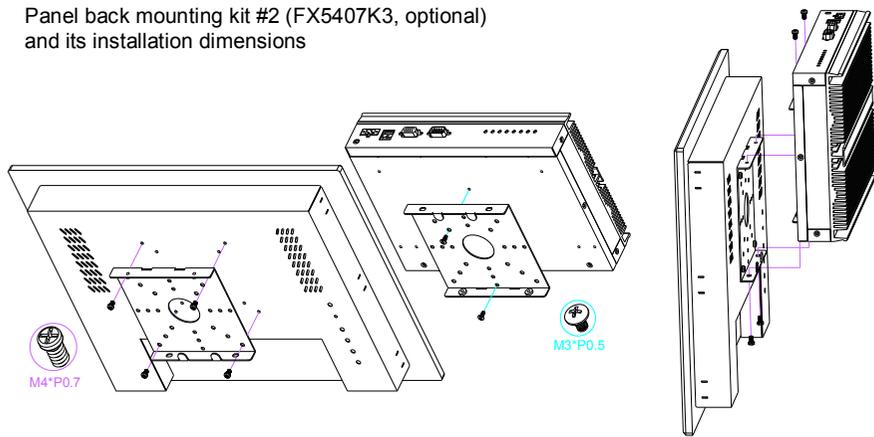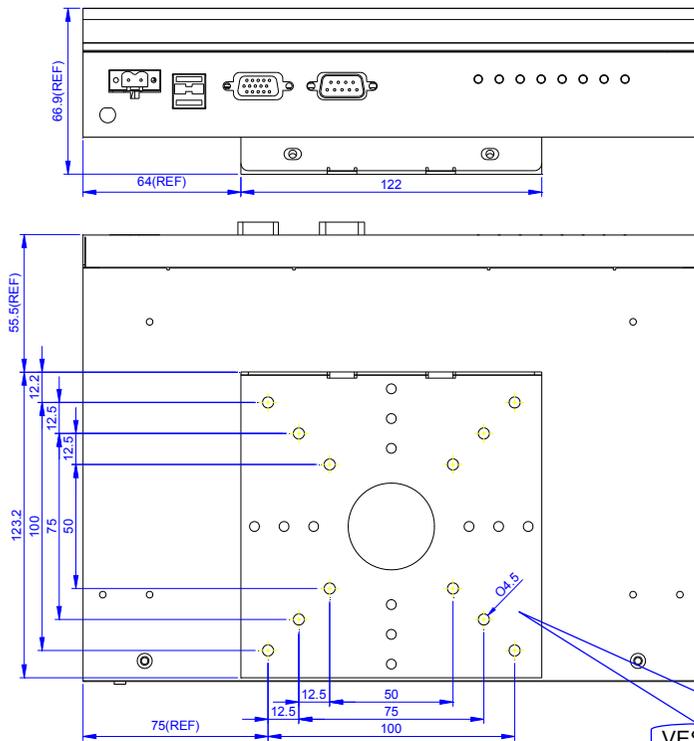Install 2.5" SATA HDD with HDD kit (2+2 screws), DDR3L Modules, and mSATA modules (2 screws)

8. Installing Mounting Kit (Optional)

FX5501K1 (optional)

M3*P0.5

Wall mounting kit and its installation dimensions

FX5504K1 (optional)

M3*P0.5

Panel back mounting kit #1 and its installation dimensions

VESA 75/100 Standard

Ø9
Ø4.5
90(REF)
37
Ø4.5
47
10
8
140
264(REF)

60(REF)
278

63.2(REF)
66(REF)
118

53.7(REF)
7
18
125
100
75
Ø5.5
Ø10
8
12.5
75
75(REF)
100

FX5626 User's Quick Reference
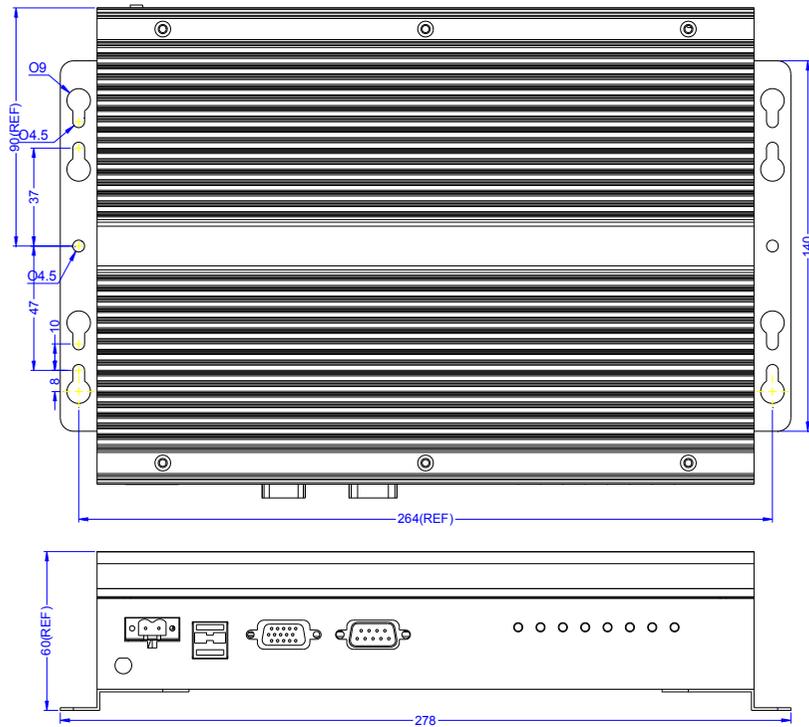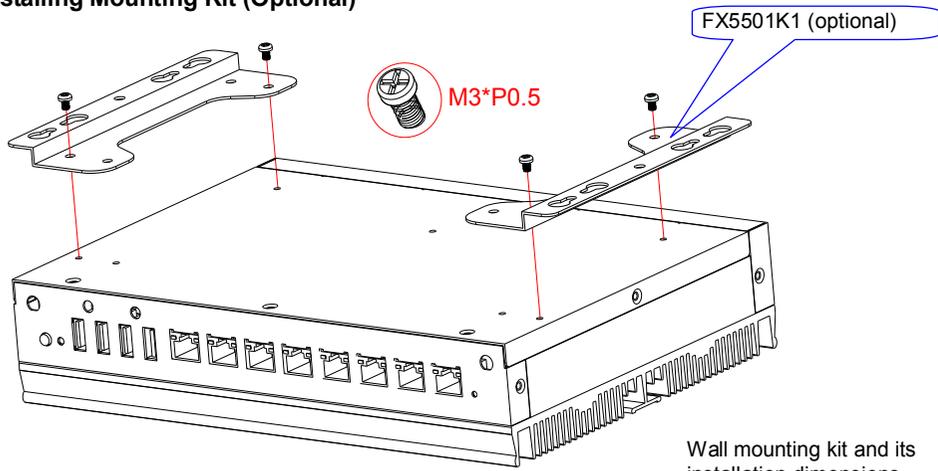
Panel back mounting kit #2 (FX5407K3, optional)
and its installation dimensions

Rack mounting kit and its installation dimensions

FX5622K1 (optional)

M3*P0.5

M4*P0.7

M3*P0.5

Step 1: 4 screws for panel

Step 2: 2 screws for FX5626x

Step 3: Combination (4 screws)

66.9(REF)

64(REF)   122

55.5(REF)

12.2
12.5
12.5

123.2
100
75
50

Ø4.5

75(REF)

12.5   50
12.5   75
100

VESA 50/75/100 Standard

480

31.75
44
52

455
469

OTHER CHOICE

End of Document