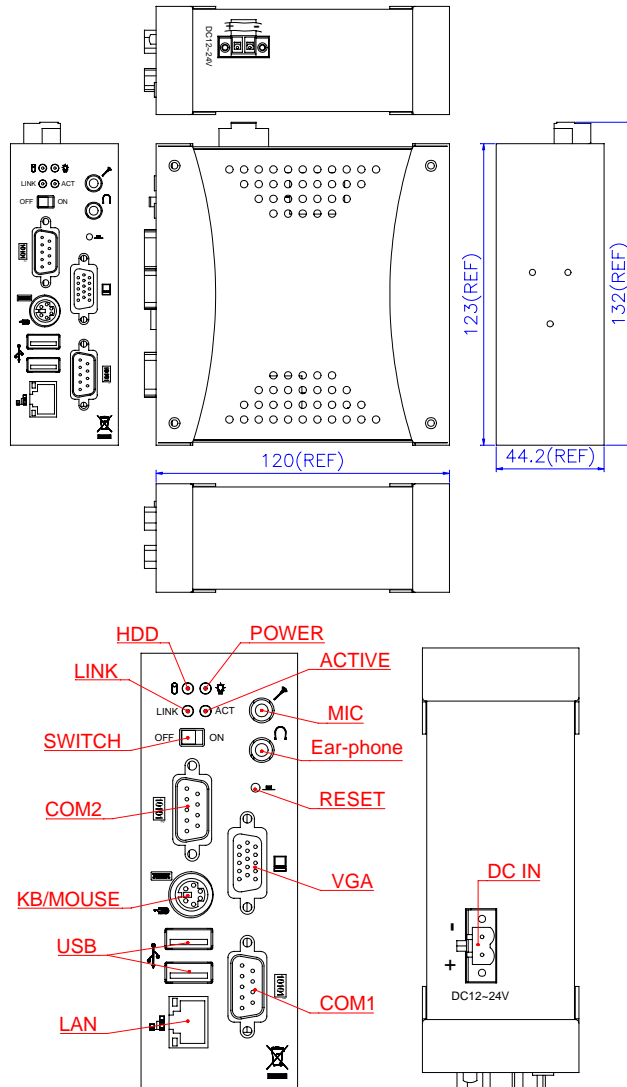


## 1. Brief

The FX5202 is a compact size embedded system with Din-Rail mounting and AMD LX-800 processor board inside. This user's quick reference provides the I/O outlets description and their pin assignment.

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



## 3. Packing List

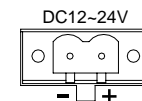
- 1 FX5202 embedded system.
- 1 Y-type (3-end) PS/2 keyboard plus mouse port adapter cable.
- 1 44-pin flat cable and 4 screws for fixing and connecting a 2.5" hard disk drive.
- 1 Din-Rail mounting kit with 3 screws.
- 1 2-pin apartable terminal block.
- 1 compact disc includes software utility.
- 1 hard copies of this quick reference.

## 4. Features

- \* **Processor Board**  
AMD low power LX-800 processor with 256MB DDR RAM.
- \* **I/O Outlets**  
One 10/100 base-TX Ethernet port.  
2 USB ports (V2.0) and 2 RS-232 serial ports.  
1 CRT and 1 PS/2 compatible keyboard/mouse interface.  
1 Earphone and 1 Microphone connectors.  
1 terminal block for DC power input.  
1 power LED, 1 HDD/CF access LED, and 2 LAN LEDs.  
1 Push button reset switch.
- \* **Storage Bay**  
1 CompactFlash socket for CompactFlash modules or MicroDrives.  
One 2.5" hard disk space.
- \* **Power requirement**  
+12 ~ +24V DC with 15% tolerance, 11VA maximum with 2.5" HDD and 24V input voltage.
- \* **Dimensions**  
120.0mm(D) x 44.2mm(W) x 123mm(H)

## 5. I/O outlets and LED Indicators

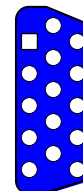
### A. Power Connector



DC +12 to +24V, 15% tolerance  
20VA minimum

Terminal Block

### B. CRT and Audio Connectors



CRT (D-sub 15)



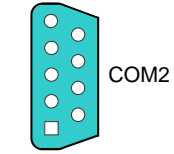
Mic-In



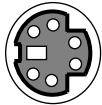
Earphone

### C. Keyboard/ Mouse, Serial Port, USB, LAN Connectors, and LED Indicators

- HDD ● ● PWR
- Link ● ● Active



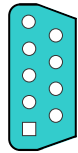
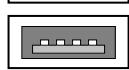
COM2



Keyboard & Mouse



USB #1 & USB #2



COM1

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 included Y-type adapter cable is needed.

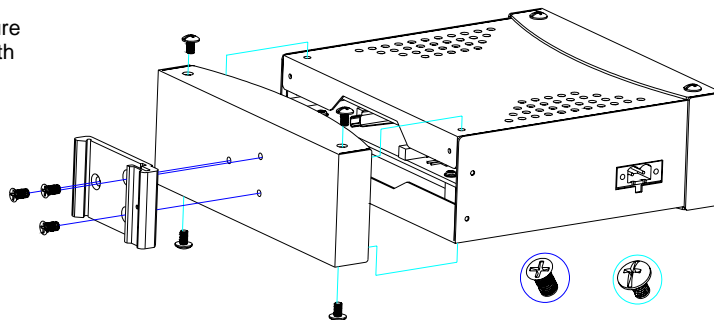
The LAN port is a RJ45 connector with 2 LEDs. The right side LED (orange) indicates data is accessing and the left side LED (green) indicates on-line status.

### 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.

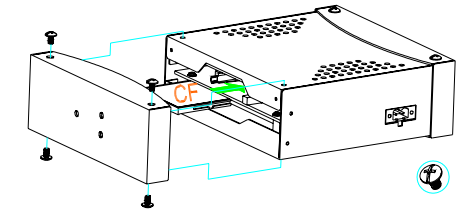
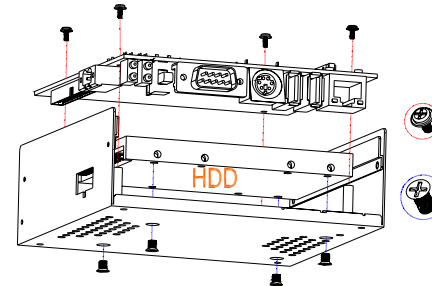
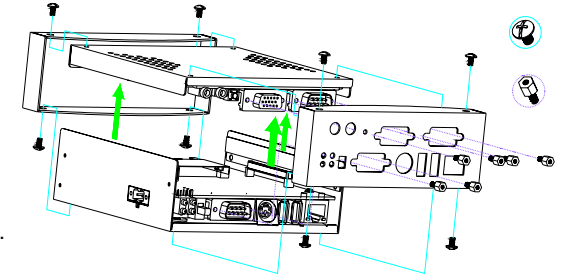
### 7. Installing the Din-Rail Adapter on FX5202

Please refer to the right figure for installing the FX5202 with Din-Rail adapter.



### 8. Installing CompactFlash and 2.5" HDD into FX5202

- Step 1: Open the case after release 8 fix screws and 6 D-sub screws as shown on the right side figure.
- Step 2: Install 2.5" HDD to the HDD dock with included HDD screws as the down side figure shown.
- Step 3: Install CompactFlash Module as the right-down side figure shown.
- Step 4: Close the case and fasten all screws.



### 9. Installing/Changing DDR RAM Module on FX5202

The following figures will guide you how to install/change DDR RAM Modules. Please be noted that open the case as section 8 to install DDR RAM modules.

