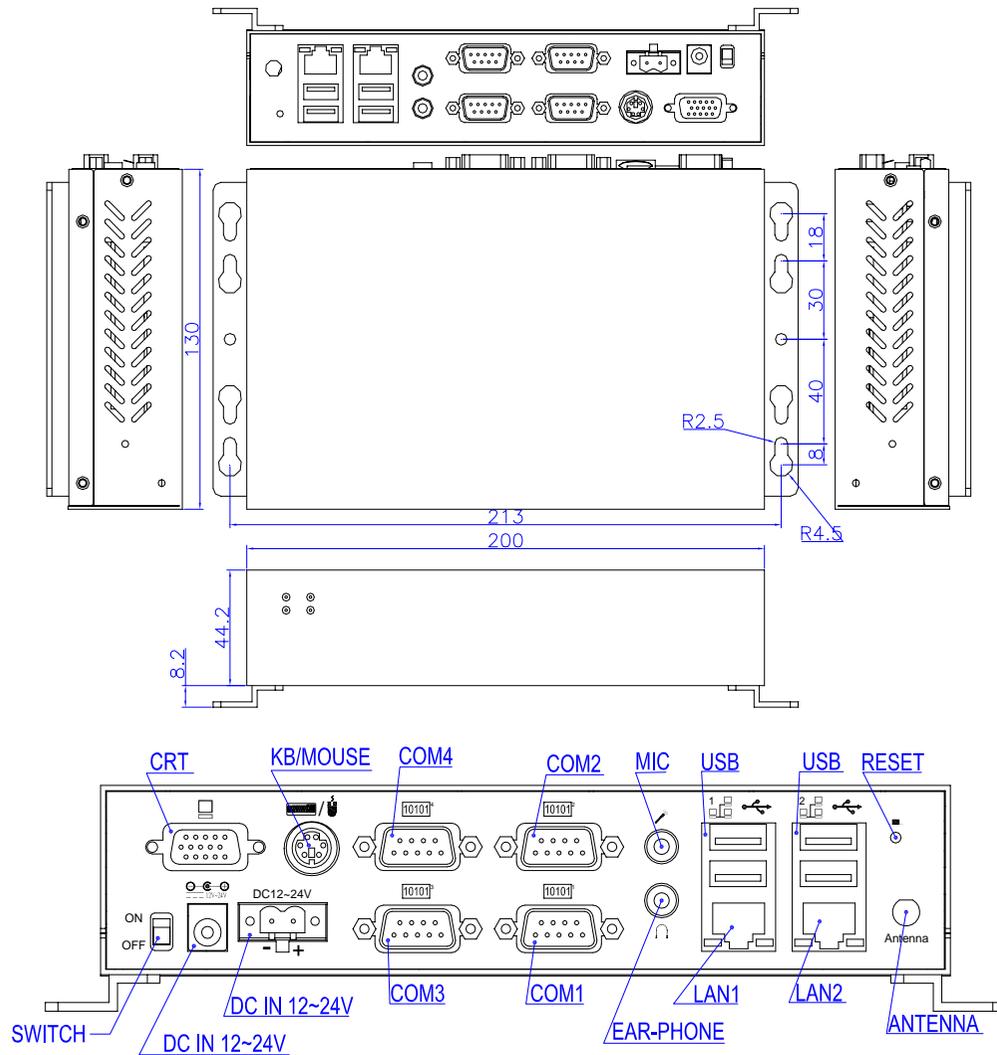


1. Brief

The FX5403 is a compact size embedded system with AMD low-power LX-800 processor board inside. This user's quick reference provides the I/O outlets description and their pin assignment.

2. Dimensions (in mm)



3. Packing List

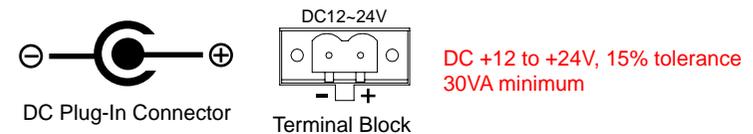
- 1 FX5403 embedded system.
- 1 AC to DC power adapter and 1 AC power code cable.
- 1 Y-type (3-end) PS/2 keyboard plus mouse port adapter cable.
- 1 44-pin flat cable and 4 screws for fixing and connecting a 2.5" hard disk drive.
- 2 L-type universal fixers and 6 screws.
- 1 2-pin apartable terminal block.
- 1 compact disc includes software utility.
- 1 hard copies of this quick reference.

4. Features

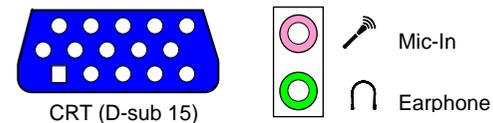
- * **Processor Board**
AMD low power LX-800 processor with 256MB DDR RAM.
- * **I/O Outlets**
Two 10/100/1000 base-TX Ethernet ports.
4 USB ports (V2.0) and 4 RS-232 serial ports.
1 CRT and 1 PS/2 compatible keyboard/mouse interface.
1 Earphone and 1 Microphone connectors.
1 DC-In plug connector and 1 terminal block with 1 power switch.
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, 16VA maximum with 2.5" HDD and 19V input voltage.
- * **Dimensions (1U height)**
130.0mm(D) x 200.0mm(W) x 44.2mm(H)

5. I/O outlets and LED Indicators

A. Power Connector



B. CRT and Audio Connectors

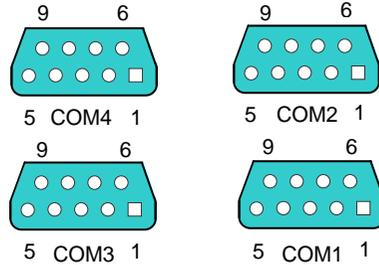


C. Keyboard/ Mouse and Serial Port Connectors

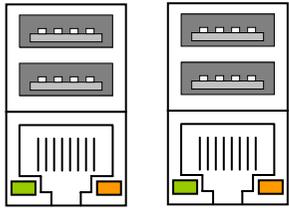


Keyboard & Mouse

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.



D. USB/LAN Connectors and LED Indicators (RJ45)



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. (When lighted indicates on-line and off indicates off-line)

- PWR ● LAN1 ●
- HDD ● LAN2 ●

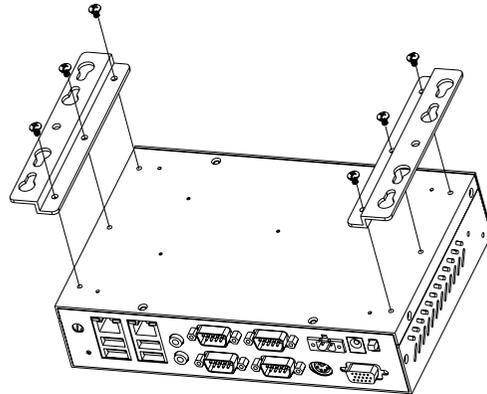
Note: LAN1 and LAN2 LEDs indicate on-line/access status of LAN #1 and LAN #2 respectively.

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.

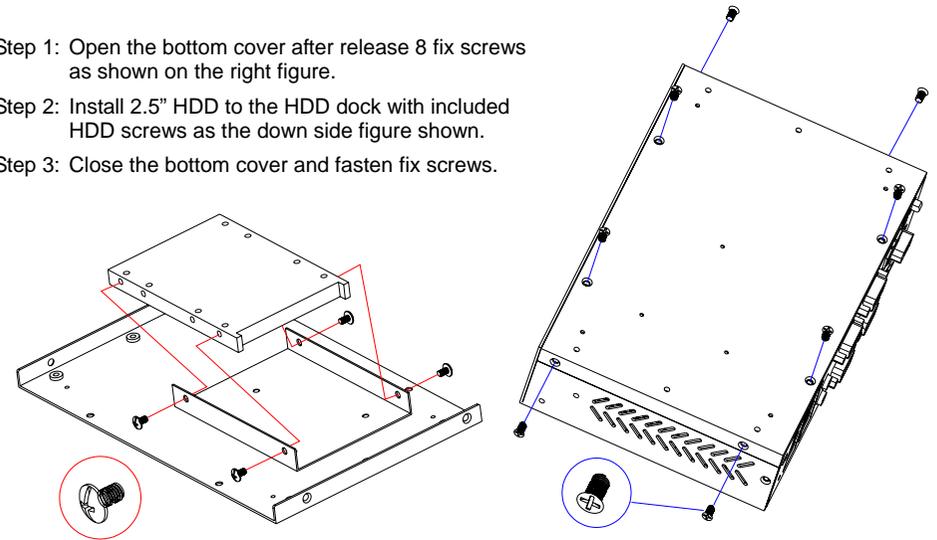
7. Installing the L-type universal fixers on FX5403

Please refer to the left side figure for installing the FX5403 with L-type universal fixers.



8. Installing 2.5" HDD into FX5403

- Step 1: Open the bottom cover after release 8 fix screws as shown on the right figure.
- Step 2: Install 2.5" HDD to the HDD dock with included HDD screws as the down side figure shown.
- Step 3: Close the bottom cover and fasten fix screws.



9. Installing RAM Module, CompactFlash module, and mini-PCI module into FX5403

The following figures will guide you how to install DDR RAM Modules, CompactFlash modules, and mini-PCI modules with antenna into the FX5403. Please be noted that open the bottom cover before to install modules.

