

What's in the Box?

The development kit includes the following components:

- Catalyst FX carrier board with Catalyst XL and Catalyst FX LVDS Expansion Board
- 10.4-inch SVGA TFT LCD with touch screen and backlight inverter
- GPS Antenna
- 12 VDC adapter and regional AC power cord
- CompactFlash card loaded with Windows® Embedded Standard
- FreeDOS USB flash drive

Preparing the Development Kit

Your development kit has been designed to work out of the box. When handling the system, use a wrist strap and/or ESD mat.

Follow these steps to prepare it for use:

1. Insert the CompactFlash card into the CF card slot.
2. Connect a USB keyboard and USB mouse.
3. Connect the 12 VDC adapter to the DC power input and then to AC power. The power LED lights green when the adapter is connected.

Operating System Details

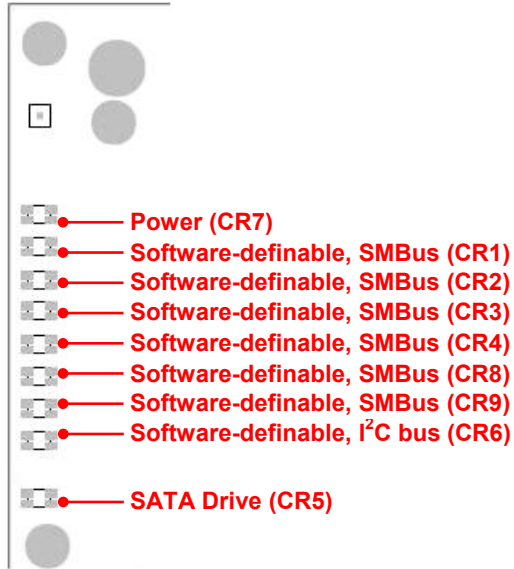
Windows® Embedded Standard

- Several seconds after power is applied, the Windows Embedded Standard operating system boots and the login screen appears on the LCD.
- Press CTRL+ALT+DELETE for the login screen.
- Log in with user name "Administrator" and no password.
- Shut down the system before disconnecting power. To shut down, click Start→Shut Down, then select Shut Down from the OS menu. Wait for the power LED to change to yellow before disconnecting power.

Features

Indicator LEDs

The Catalyst FX has nine red/green/yellow LEDs. Seven of the nine are software-definable using the SMBus or I²C bus. The LEDs have the following assignments:



USB Host Ports

The Catalyst FX provides five USB host ports. Two ports are general-purpose, while the remaining three ports are designed to support higher-current, plug-in USB modules.

The three high-current ports use sockets with locking latches. Do not forcibly pull on the USB devices to disconnect. Raise the latch on the socket to remove the device.

Ethernet

Network settings are configured to operate with a DHCP server. To connect to your network, connect your network cable to the Ethernet socket.

Switch

The Catalyst FX includes a momentary push-button switch. This switch generates an interrupt to the processor and is software-definable.

Everyware™ Software Framework

The Catalyst FX is available with the Everyware Software Framework (ESF). Information about Eurotech's ESF is available at

<http://esf.eurotech.com/>

Technical Support

The Eurotech support site includes errata reports, the latest releases of documents, and developer's forums. These resources are available to registered developers at:

<http://support.eurotech-inc.com/>

Next Steps

For additional information about the Catalyst FX, download the following documents from the support site or contact your local sales representative.

Document

Catalyst FX User Manual	110124-3010
Catalyst FX LVDS Expansion Board User Manual	110124-3300

Contact Us

EUROTECH

Toll-free +1 888.941.2224
Tel. +1 301.490.4007
Fax +1 301.490.4582
E-mail: sales.us@eurotech.com
E-mail: support.us@eurotech.com
Web: www.eurotech-inc.com