



DX-ECFW FireWire 800 ExpressCard Adapter



Features

- Fully compliant with ExpressCard specifications
- Compatible with FireWire 800 (IEEE 1394b) and FireWire 400 (IEEE 1394a) devices including DV camcorders, CD-RW and DVD drives, portable hard drives, digital cameras, VTRs, digital TVs, and other audio and video devices
- Provides one 9-pin FireWire 800 and one 6-pin FireWire 400 port for multiple device connections
- Supports IEEE 1394b serial bus data transfer rates of 100, 200, 400, and 800 Mbps
- Compliant with IEEE 1394b and backward compatible with IEEE 1394a-2000 and IEEE 1394-1995 standards
- Hot-swappable—allows you to connect and disconnect devices without turning off the computer

Package contents

- Dynex DX-ECFW FireWire 800 ExpressCard adapter
- *Quick Setup Guide*

System requirements

- One available ExpressCard 1.34-inch (34 mm) or 2.13-inch (54 mm) slot
- Windows 7, Windows Vista, Windows XP, Windows 2000, or Mac OS X v10.4.x or higher

Installing the adapter

- Slide the adapter into your notebook's ExpressCard slot until it is firmly seated. Your operating system automatically detects the adapter when it is installed, then uses the correct driver. No separate driver installation is needed. Mac OS X (v10.4 or later) users will need to restart their computer after the driver is installed.

Use *Device Manager* to verify that the adapter is installed. See *Troubleshooting* Step 2 for instructions.

Troubleshooting

1 How do I use the power jack on the adapter?

- Most FireWire devices have their own power supply. 12V/2A DC adapter (not included) is required to use with any FireWire devices without an AC power adapter.

2 My computer isn't recognizing the FireWire adapter.

- Remove the adapter from the ExpressCard slot of your laptop and re-insert it into the ExpressCard slot until it's firmly seated.
- Repeat the device driver installation procedures.
- Check the *Device Manager* to see if the device is recognized.
 - 1 Click **Start**, right-click **My Computer** (Windows 2000 & XP) or **Computer** (Windows Vista & 7), then click **Properties**.
 - 2 Click **Device Manager**.
 - 3 Double-click **IEEE 1394 Bus host controller**.
 - For **Windows 2000 & XP**:
 - Click **OHCI Compliant IEEE 1394 Host Controller** and make sure that there are no conflicts. Conflicts are indicated by an entry with a red **X** or a yellow exclamation point (!). If a conflict is found, see *Windows Help* for more information.
 - For **Windows Vista & 7**:
 - Click **LSI 1394 OHCI Compliant Host Controller** and make sure that there are no conflicts. Conflicts are indicated by an entry with a red **X** or a yellow exclamation point (!). If a conflict is found, see *Windows Help* for more information.
 - 4 To update the adapter driver, right-click the adapter, click **Update Software Driver**, and follow the on-screen instructions to update the driver.

3 I am having difficulty connecting my camera or camcorder.

- Check the cable connections to both the camera and adapter.
- Make sure that the camera is turned on and has power running through it.
- Check *Device Manager* to see if the camera is detected and installed.
 - 1 Click **Start**, right-click **My Computer** (Windows 2000 & XP) or **Computer** (Windows Vista & 7), then click **Properties**.
 - 2 Click **Device Manager**. If the camera is connected to the FireWire ExpressCard adapter, you see *Microsoft DV camera and VCR* under *Imaging Device*.
 - If the camera is not listed, check the cable connections to both the camera and adapter. Make sure that the camera is turned on and has power.

OR

The computer's operating system may need to be updated to support IEEE 1394 devices. Refer to either Windows or Apple Web sites to update the computer to the latest OS version or service pack.

4 I am having difficulty connecting another FireWire device.

- Repeat the device driver installation procedures.
- Check *Device Manager* to see if the device is recognized.
- Make sure that the attached device driver is up to date. Updated device drivers are usually available for download on the device manufacturer's Web site.

5 During installation, Windows cannot locate the files needed to complete installation.

- 1 Insert your operating system's CD or DVD that came with your computer or the one you purchased when upgrading your operating system.
- 2 In the *Copy files from* field, change the file location to match the location of the operating system CD. If using Windows 2000 or XP, change to **D:\i386** (if D: is the drive letter of the CD drive). Some files may exist on the system already but need to be located through Windows Search. Each computer may vary slightly.

6 How do I safely remove the device from my computer?

- Double-click the **Safely Remove Hardware** icon on the system tray in the lower-right corner of your screen. When the window opens, click the device you want to remove. A window should open telling you it's safe to remove the device.

NOTE: In some cases when you use *Safely Remove Hardware* to remove your FireWire device from the computer, the entire FireWire adapter is disconnected. If this happens, remove your FireWire card from the ExpressCard adapter slot and re-insert.

7 The computer is recognizing the card, but not my device(s) connected to the card.

- Make sure the device is turned on.
- Remove the adapter from the ExpressCard slot of your laptop and re-insert it until it's firmly seated.
- Repeat the device driver installation procedures.
- Check the *Device Manager* to see if the device is listed.

Specifications

Chipset	LSI FW643
Interface	ExpressCard/1.34 inch (34 mm)
Connectors	<ul style="list-style-type: none"> • One 9-pin FireWire 800-1394b connector • One 6-pin FireWire 400-1394a connector
Dimensions	1.69 × 4.49 × 0.79 inches (43 × 114 × 20 mm)
Maximum data transfer rate	<ul style="list-style-type: none"> • FireWire 800-1394b: 800 Mbps (or 100 MB/sec) • FireWire 400-1394a: 400 Mbps (or 50 MB/sec)
System environment	Operating temperature: 41°F~104°F (5°C~40°C) Operating humidity: 20% ~ 80% RH
System support	Windows 2000, Windows XP, Windows Vista, Windows 7, Mac OS X v10.4.x or higher
Certification	FCC Class B, ICES-003

Specifications are subject to revision or update without notice.

One-year limited warranty

Visit www.rocketfishproducts.com for details.

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