

# FireWire 800 ExpressCard Adapter

2 Port FireWire 800 / 1394b ExpressCard Adapter

EC1394B2

Instruction Manual



Actual product may vary from photo

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## **FCC Compliance Statement**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

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## Introduction

Thank you for purchasing a StarTech.com 2 Port FireWire 800 / 1394b ExpressCard Adapter. Now, you'll be able to connect FireWire devices to a host computer for data transfer rates of up to 800Mbps, in order to provide seamless operation of a broad range of peripherals including printers, MP3 players, digital cameras and more.

### Features

- Supports data transfer rates of up to 100, 200, 400 and 800 Mbps
- Supports various types of FireWire 800 (1394B) and 1394A standards

### System requirements:

- A host computer with an available ExpressCard Slot. Please note that EC1394B2 can be used on a desktop computer, using a PEX2EC PCI-Express to ExpressCard Adapter Card. For more information, please see **Accessory Products from StarTech.com**.
- A host computer running Windows 2000/XP/2003/VISTA

### Package contents:

*This package should contain:*

- ExpressCard Adapter
- Instruction Manual
- Driver CD

## Installation



**Please note:** FireWire devices that have their own power supply do not require the optional power adapter to be connected in order to work. However, non-powered FireWire devices require this optional power adapter to work. If you need to connect a power adapter, please ensure that it meets the following criteria:

Switching power adapter DC 12V, 1A  
Polarity: Outside negative voltage(-) & Inside positive voltage(+)  
3.5mm power jack.



**Warning!** Please remove possible static discharge potential from any objects that the ExpressCard may come in contact with, before installation. This can be accomplished by touching a large, grounded metal surface for several seconds.



**Please Note:** The ExpressCard must be installed prior to peripheral device connection. Failing this, the peripheral device and/or notebook computer may not function properly.

1. Locate an unused ExpressCard slot on the host computer.
2. Insert EC1394B2 into the available ExpressCard slot. Since this card is hot-pluggable, this can be performed while the computer is on or off. Once the card has been inserted, ensure the computer is powered, to proceed with installation.
3. Windows will detect that the card has been inserted, and will prompt for driver installation. Follow the on-screen instructions. Once the driver has been installed, the operating system will notify you that your new hardware is ready for use.

## Verifying Successful Installation

### To Verify Driver Installation:

1. Right click **My Computer**, then click **Manage**. Select **Device Manager**.
2. Double-click on **1394 Bus Controller or IEEE 1394 Bus host Controller**. If the card has successfully been installed, **Texas Instruments OHCI Compliant IEEE 1394 Host Controller** should be displayed.

## Connecting Peripheral Devices

Once EC1394B2 has been installed according to the preceding instructions, FireWire 800 peripherals can be connected to the port provided.

## Accessory Products from StarTech.com

Contact your local StarTech.com dealer or visit [www.startech.com](http://www.startech.com) for cables or other accessories that will help you get the best performance out of your new product.



**PEX2EC**  
PCI-Express to ExpressCard Adapter



**1394\_94\_6**  
6 ft 1394b Firewire Cable 9-4 Pin M-M



**1394\_94\_10**  
10 ft 1394b Firewire Cable 9-4 Pin M-M



**1394\_96\_6**  
6 ft 1394b Firewire Cable 9-6 Pin M-M



**1394\_99\_6**  
6 ft 1394b Firewire Cable 9-9 Pin M-M

## Specifications

<b>Certifications</b>	ROHS, FCC, CE
<b>Maximum Data Transfer Rate</b>	800 Mbps
<b>Operating Systems supported</b>	Windows 2000/XP/2003/VISTA

### Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit **[www.startech.com/support](http://www.startech.com/support)** and access our comprehensive selection of online tools, documentation, and downloads.

### Warranty Information

This product is backed by a lifetime warranty. In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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