

# ExpressCard Firewire Card

## 2 Port ExpressCard IEEE-1394 Firewire Card

EC13942

Instruction Manual



Actual product may vary from photo

**StarTech.com**

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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 for purchasing a StarTech.com 2 Port ExpressCard IEEE-1394 Firewire Card. Providing a versatile FireWire solution, EC13942 offers data transfer rates of up to 400Mbps, offering a stable platform for virtually any FireWire peripheral connection.

### **Features**

- High speed data transfer rates of up to 400 Mbps
- Compliant with IEEE 1394-1995, 1394a-2000 and OHCI 1.1 standards
- Supports asynchronous and isochronous data transfer modes
- Hot swap capable - allows you to connect or disconnect devices without turning off your notebook computer

## **Before You Begin**

### **System Requirements**

- One available ExpressCard Slot

### **Package Contents**

*This package should contain:*

- 1 x 2 Port FireWire ExpressCard Adapter
- 1 x 4-6 Pin FireWire Cable
- 1 x User Manual

## Installation and usage

1. Insert the ExpressCard into an available ExpressCard / 54 or 34mm 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.
2. 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 that the necessary drivers have successfully (automatically) been installed:

1. Right-click **My Computer**, then click **Manage**. Click on **Device Manager**.
2. Double click on the [+] symbol next to **1394 Bus Controller or IEEE 1394 Bus host Controllers** option. If the driver installation is successful, you will notice a Texas Instruments OHCI Compliant IEEE 1394 Host Controller displayed.

### Connecting FireWire devices to the ExpressCard

To begin using your FireWire peripherals with EC13942, simply insert the FireWire connector provided by the peripheral or attached cable into one of the FireWire ports provided by the ExpressCard.

Please note that for peripherals requiring lower voltages, EC13942 offers built-in power capability. If more power is required, an external 12VDC (1A) power adapter (not included with EC13942) can be connected to the power jack on the ExpressCard.

### Basic troubleshooting

If you find that the peripherals connected to EC13942 (in the powered state) are not functioning, or are not being detected, please ensure the following:

1. The drivers have been installed.
2. Any previous driver installations (if this product has been previously installed) have been removed.
3. There are no conflicts with other device drivers. To determine this:
  - a. Browse to the **Device Manager**, by right-clicking on **My Computer**, and selecting **Manage**. In the left pane, click on **Device Manager**.
  - b. Look for any exclamation marks (!) or question marks (?) listed next to the FireWire controller card, in the right pane.

### 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.



**1394\_6**  
6 ft. IEEE-1394 FireWire Cable 6-pin to 6-pin



**1394\_46\_6**  
6 ft. IEEE-1394 FireWire Cable 4-6 M/M



**FIRE46FM**  
IEEE-1394 Firewire 4-6 Adapter F/M



**PEX2EC**  
PCI-Express to ExpressCard Adapter

## Specifications

<b>Bus Type</b>	ExpressCard
<b>Connectors</b>	2 x FireWire Ports
<b>Power Adapter</b>	Optional 12V (1A) adapter not included
<b>Maximum Data Transfer Rate</b>	400 Mbps
<b>OS Support</b>	Windows® 2000/XP/XP 64-bit/Server 2003/Vista
<b>Dimensions</b>	122x24.4x34.4 mm
<b>Weight</b>	35g

## 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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