

# ExpressCard Firewire & USB Card

2 Port FireWire and 1 Port USB 2.0 ExpressCard Adapter

EC1U2F

Instruction Manual



Actual product may vary from photo

**StarTech.com**

The Professionals' Source for Hard-to-Find Computer Parts

## **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 Firewire and 1 Port USB 2.0 ExpressCard adapter. Providing a versatile connectivity solution, this device offers data transfer rates of up to 480Mbps (when used with high-speed USB peripherals), and 400Mbps (FireWire), providing the ideal platform for connecting any FireWire or USB peripheral.

### **Features**

- USB 2.0 and IEEE-1394a compliant
- Supports USB transfer rates up to 480 Mbps and USB 1.1 transfer rates up to 12 Mbps
- Supports FireWire 100/200/400 Mbps transfer rates
- Compliant with ExpressCard / 34mm Type II standard

## **Before You Begin**

### **System Requirements**

- One available ExpressCard Slot
- Windows 2000/XP/64-Bit/Vista

### **Package Contents**

*This package should contain:*

- 1 x ExpressCard Adapter
- 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. To install the necessary software, 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.

### Connecting FireWire and USB devices to the ExpressCard

To begin using your FireWire and USB peripherals with EC1U2F, simply insert the FireWire or USB connector provided by the peripheral or attached cable as appropriate into one of the ports provided by the ExpressCard.

Once USB and/or FireWire devices are connected to the ExpressCard, Windows will request the required drivers for each device respectively. For further information regarding the attached peripheral drivers, please consult the documentation that accompanied the purchase of the peripheral device(s).

**Please note:** For peripherals requiring lower voltages, EC1U2F offers built-in power capability. If more power is required, an external 5VDC power adapter (not included with EC1U2F) can be connected to the power port on the ExpressCard.

### Basic troubleshooting

If you find that the peripherals connected to EC1U2F (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



**USB2HAB6**  
6 ft High Speed Certified USB 2.0 Cable



**USB2HAB10**  
10 ft High Speed Certified USB 2.0 Cable

## Specifications

<b>Bus Type</b>	ExpressCard
<b>Connectors</b>	1 x USB 2.0 Type A 2 x FireWire 6-pin
<b>Power Adapter</b>	Optional 5V DC 1A (not included)
<b>Maximum Data Transfer Rate</b>	480Mbps for USB / 400Mbps for FireWire
<b>OS Support</b>	Windows 2000/XP/64-BIT/Vista
<b>Chipset</b>	TI
<b>Regulatory Certifications</b>	CE, ROHS, FCC

## 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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