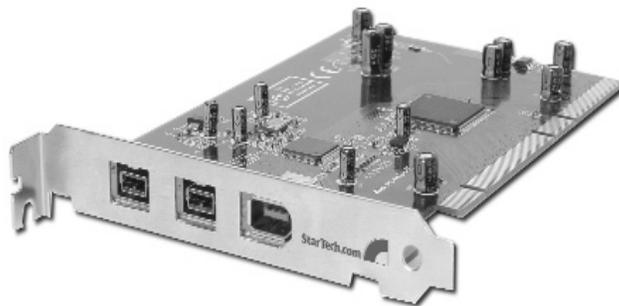# PCI FireWire 800 Card

3 Port IEEE-1394B FireWire 800 PCI Card with Multiple Connector Support and Digital Video Editing Kit

PCI1394B_3

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 you for purchasing a StarTech.com FireWire 800 card. Now you don't have to worry about having the right kind of FireWire port or fumbling with adapters for your devices: this card features 9-pin FireWire 800 ports, as well as a 6-pin FireWire 400 port to support the the full range range of FireWire devices. For even greater flexibility, this card allows you to use your existing FireWire 400 devices while taking advantage of the new 800 Mbits/sec. speed of the FireWire 800 standard for new devices.

Features

• Supports the FireWire 800 standard for the next generation of FireWire devices.

• Built-in ports for a range of FireWire connections: 6-pin (FireWire 400) and 9-pin (FireWire 800).

• Fully Plug and Play compatible for easy installation.

• Includes Ulead VideoStudio software for a complete video editing solution.

Before You Begin

Package Contents

1 x FireWire 800 PCI Card

1 x FireWire 9-pin to 6-pin cable

1 x Installation CD

1 x Instruction Manual

1 x Ulead VideoStudio Software CD

System Requirements

• OS Support: Windows 98SE/ME/2000/XP or MacOS 8.6+ (supports FireWire 400 standard only), MacOS X 10.2.4+ (supports FireWire 400 and 800)

• An available PCI slot (supports 32 and 64-bit, and 3.3v and 5v interfaces)
   Note: A 64-bit PCI slot is <u>required</u> for a 800 Mbits/sec. data transfer rate

• Optical drive (CD or DVD-ROM) for software installation

Installation

WARNING! PCI cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI card by its edges and not the gold connectors.

Installing the Card

1. Make sure that your computer power cord is unplugged and you are grounded.

2. Remove the cover of your system (see your computer's user manual for details, if necessary) and gently turn your computer onto its side.

3. Locate an empty PCI slot (usually white in color; a 64-bit slot will be longer than a 32-bit slot) and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step. **Retain this screw!** You will need it to secure the card later.

4. Gently insert the card into the empty slot, making sure it is firmly seated.

    NOTE: If you are using the PCI1394B_3 card in a 32-bit slot, make sure that the exposed end of the card is not in contact with any conducting parts on your motherboard. Not all motherboards allow 64-bit cards to fit into 32-bit slots.

5. Secure the card in place using the screw you removed in Step 3.

6. Put the computer case back on.

Installing the Drivers

Windows (all versions)
Insert the driver CD into your CD-ROM or other optical drive. Go to **My Computer** and double click the icon that represents your CD drive. Double click the **ubCore**xxx**.exe** file. When prompted, choose the **Typical Install** option. Follow the on-screen prompts until you receive a message stating the installation is complete.

MacOS users
Your operating system includes support for the FireWire card without the installation of additional software, with the limitations noted under "System Requirements" on page 1. The operating system will automatically detect and configure the FireWire card.

Installing and Using Your VideoStudio Software
For detailed instructions on the installation and use of the digital editing software, consult the Ulead VideoStudio manual available on the CD. From **My Computer** right click the icon for your CD-ROM or other optical drive and select **Explore**. Open the **Manual** folder and select your language. (Note: To view the manual, you will need Adobe Acrobat Reader, which is available as a free download from the Adobe Web site, www.adobe.com.) StarTech.com recommends carefully reading the instructions supplied by Ulead before attempting to install or use the software.

Specifications

Form Factor/Interface	PCI 32-bit or 64-bit (full size) 3.3v or 5v compatible PCI standard ver. 2.2 compliant
Standards Supported	FireWire 400 (IEEE 1394A) FireWire 800 (IEEE 1394B)
Maximum Data Transfer Speed	400 Mbits/sec. (FireWire 400) 800 Mbits/sec.* (FireWire 800)
Connectors	1 x FireWire 6-pin female (FireWire 400) 2 x FireWire 9-pin female (FireWire 800)
Cables Included	1 x FireWire 9-pin to 6-pin (male/male)
Regulatory Certifications	FCC Class B, CE, UL

*The card must be placed in a 64-bit PCI slot for a 800 Mbits/sec. data transfer speed. In a 32-bit PCI slot, the card defaults to 400 Mbits/sec. as the data transfer speed for all attached peripherals, including FireWire 800 devices.

Accessory Products from StarTech.com
Contact your local StarTech.com dealer or visit **www.startech.com** for cables or other accessories that will help you get the best performance out of your new product.

10 ft 1394b FireWire Cable 9-4 Pin M-M
1394_94_10

6 ft 1394b FireWire Cable 9-4 Pin M-M
1394_94_6

10 ft 1394b FireWire Cable 9-6 Pin M-M
1394_96_10

6 ft 1394b FireWire Cable 9-6 Pin M-M
1394_96_6

10 ft 1394b FireWire Cable 9-9 Pin M-M
1394_99_10

6 ft 1394b FireWire Cable 9-9 Pin M-M
1394_99_6

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** 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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