1394 Dual-Port CardBus Quick Installation Guide

Introducing the *1394 Dual-Port Cardbus*

The *1394 Dual-Port CardBus* is designed to add FireWire (1394a) interface to notebook computers for easy connection to DV camcorders, hard disk drives (self-powered), scanners, printers, and other 1394 devices.

Features and Benefits

- Compliant with IEEE 1394-1995, P1394a-2000 and OHCI 1.1 standards
- Supports serial bus data transfer rates of 100, 200 and 400Mbps
- Hot-swapping allows you to connect/detach devices without first turning your system off
- Supports both asynchronous and isochronous data transfer modes
- Works with a variety of 1394 devices including digital cameras, DV camcorders (Sharp, Sony, Panasonic, JVC, Cannon and other brands), portable hard disks, CD-RW/DVD-ROMs, printers and other audio/video devices

System Requirements

- Pentium II or equivalent notebook PC with one available CardBus Type II slot
- Windows 98SE/ME/2000/XP/2003 Server

Recommended system for Digital Video capturing/editing:

- Pentium III or above notebook computer
- 128MB RAM and CD-ROM drive
- 4GB of available hard disk space
- Windows 98SE or later

Package Contents

- (1) *1394 Dual-Port CardBus*
- (1) Quick installation guide
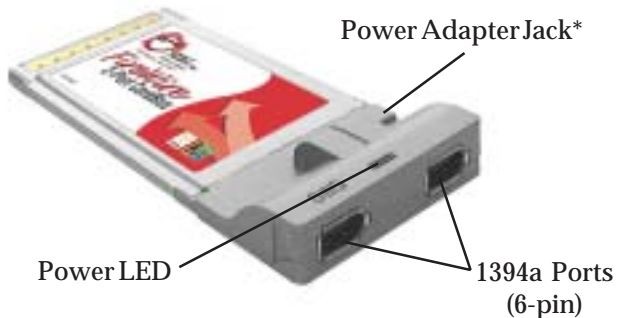
Layout

Figure 1. Layout

*Note: The power adapter (not included) can be purchased on SIIG's online store (see page 7). If your FireWire device does not come with it's own power supply, you will need to purchase this power adapter.

Hardware Installation

General instructions for installing the card are provided below, since the design of portable computers may vary. Refer to your system's reference manual for further information, if needed.

1. Power off your portable computer and any other connected peripheral devices.
2. Insert the PC Card into the CardBus Type II slot of your PC with its 68-pin connector facing the slot. Make sure it is inserted all the way in for a solid connection.
3. Power on your notebook PC.

Software Installation

This section will guide you through the installation of your *1394 Dual-Port CardBus*.

Windows 98SE Driver Installation

1. At the **Add New Hardware Wizard**, click **Next**.
2. Choose **Search for the best driver for your device**, and click **Next**.
3. Uncheck all the boxes, click **Next, Next, Next**.

> **Note:** If you are prompted to insert your Windows Installation CD-ROM, insert it and click **OK**.

4. Click **Finish,** then restart Windows to complete the driver installation.

Windows ME Driver Installation

1. At the **Add New Hardware Wizard**, choose **Automatic search for a better driver (Recommended)**, then click **Next**.

2. Click **Finish** then restart Windows to complete the installation.

Windows 2000/XP/Server 2003 Driver Installation

Windows 2000/XP/Server 2003 will automatically detect and install the correct driver for your *1394 Dual-Port CardBus*. Restart Windows if prompted.

To Verify Successful Driver Installation:

1. Check **Device Manager** to verify successful driver installation.

    Windows 98SE/ME: From the main desktop, double click **My Computer**, **Control Panel**, **System**, then click **Device Manager**.

    Windows 2000/XP/Server 2003: From the main desktop, double click **My Computer**, **Control Panel**, **System**, click **Hardware**, then **Device Manager**.

2. Double click **1394 Bus Controller** or **IEEE 1394 Bus host controllers** option.

    - An **IEEE 1394 Host Controller** should be displayed.

Device Connection

Many 1394 devices have built-in driver support with Windows 98SE/ME/2000/XP/Server 2003. Please refer to the device's user manual for detailed installation information.

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Technical Support

QUESTIONS? SIIG's **Online Support** has the answers! Simply visit our Web site at *www.siig.com* and click on **Support**. Our online support database is updated daily with new drivers and solutions. The answers to your problems could be just a few clicks away.

If you can't find answers or solutions to your questions, you have an option to submit the problems online to one of our technical support analysts and we will promptly respond to you with answers or solutions.

The 5-year manufacturer warranty supplied with this product is offered by SIIG, Inc. If you should happen to encounter any problems with this product, please follow the procedures below.

1. If it is within the store's return policy period, please return the product to the store where you purchased from.
2. If your purchase has passed the store's return policy period, please contact SIIG. See SIIG's Limited 5-year Warranty card for more information.

Online Store

SIIG offers all of our products online at our company store. Visit us at **http://onlinestore.siig.com** to find our complete line of products, including hard to find items and accessories (power adapters, cables, upgrade kits, etc.).

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading computer upgrade manufacturer of I/O connectivity products, including PCI & ISA serial and parallel ports, USB, Serial ATA & UltraATA controllers, FireWire (1394a/b), Networking, Sound Cards, and other accessories. SIIG is the premier one-stop source of upgrades.

SIIG products offer comprehensive user manuals, many user-friendly features, and all products are backed by a 5-year manufacturer warranty. High-quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in most computer retail stores, mail order catalogs, and e-commerce sites in the Americas and the UK, as well as through major distributors, system integrators, and VARs.

June, 2004