Low Profile 1394 Adapter Quick Installation Guide

Introducing the *Low Profile 1394 Adapter*

The *Low Profile 1394 Adapter* conforms to the new PCI card form factor standard made for space constrained system designs. It adds FireWire (1394) interface to your computer for easy connection to DV camcorders, hard disk drives (self-powered), scanners, printers, and other 1394 devices.

Features and Benefits

- IEEE std 1394-1995, 1394a-2000 and 1394 OHCI Specification (Release 1.1) compliant
- Fully compliant with PCI Plug-n-Play 2.2
- Hot-swapping feature allows you to connect/disconnect devices without powering down your system
- Adds FireWire (1394a) interface to your system for high-speed I/O connectivity and support up to 63 devices
- Supports various brands of DV camcorders including Sony, Panasonic, Canon, JVC, Sharp and more...

Dimensions:

- PCB: 119.91 mm (L) x 64.41 mm (H)
- Bracket: 18.42 mm (W) x 79.20 mm (H)

System Requirements

- Pentium-class (233 MHz or above) computer with one available PCI slot
- 1 GB or larger hard disk drive
- 32 MB RAM and CD-ROM drive
- Windows 98SE/ME/2000/XP

Recommended system for Digital Video capturing/editing:

- Pentium II or equivalent (400 MHz or above) computer
- 64 MB RAM and CD-ROM drive

- 80 MB of available hard disk space
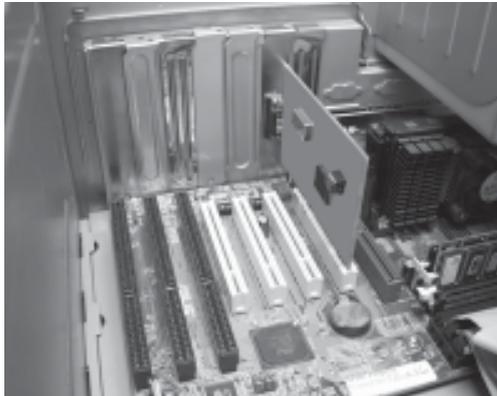- Video card with 4 MB RAM (PCI or AGP)
- Windows 98SE or later

Package Contents

- One *Low Profile 1394 Adapter*
- This quick installation guide

Hardware Installation

General instructions for installing the card are provided below, since the design of computer cases and motherboards vary. Refer to your computer's reference manual for further information, if needed.

- Turn OFF the power to your computer.
- Unplug the power cord and remove your computer's cover.
- Remove the slot bracket from an available PCI slot.
- Carefully align the card to the selected PCI slot push the board down firmly, but gently, until it is well seated.
- Replace the slot bracket's holding screw to secure the card.
- Replace the computer cover and reconnect the power cord.

Figure 1. Inserting the PCI Board

Software Installation

Throughout driver installation, you may be prompted to insert your Windows Installation CD. Some files on this CD are neccessary to complete driver installation. Please insert the CD when prompted and follow on-screen instructions.

Please make sure the board is installed before proceeding with driver installation.

Windows 98SE Driver Installation

1. When Windows boots up, a **New Hardware Found** dialog box should appear and the **OHCI Compliant IEEE 1394 Host Controller** is identified.

2. At the **Add New Hardware Wizard** window, click **Next**.

3. Choose **Search for the best driver for your device**, and click **Next**.

4. Clear all check boxes, click **Next**, **Next**, **Next**, then **Finish** to complete 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** and restart Windows to complete driver installation.

Windows 2000/XP Driver Installation

Windows 2000 and XP will automatically detect and install the correct driver for the *Low Profile 1394 adapter*.

To verify successful installation:

1. Check **Device Manager** to verify successful driver installation.
   Windows 98SE/ME: From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.
   Windows 2000/XP: Right click **My Computer**, then click **Manage**. Click **Device Manager**.

2. Double click **1394 Bus Controller** or **IEEE 1394 Bus host controllers** option.
   - An **IEEE 1394 Host Controller** should be displayed.

Connecting 1394 Devices

Windows 98SE/ME/2000/XP have many built-in driver support for 1394 devices. Please refer to device manufacturer for details on how to install device driver for your 1394 product. Different devices may require different types of 1394 cable.

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.

Return Merchandise Authorization (RMA)

SIIG warrants to the original buyer of the product that the hardware is free of defects in materials and workmanship for a period of one, two or five years from the date of purchase. If your product fails to be in good working order during the warranty period, you may return it to SIIG for repair or replacement at SIIG's option.

To return the product, you need to follow these steps.

Step 1: Contact SIIG's RMA Department

To obtain an RMA number, SIIG's RMA Department can be reached by phone at **(510)413-5333** or fax at **(510)657-5962** or email at **service@siig.com.** In order to issue an RMA number, the product serial number is required. This number can be found on the side of the box and on the back of the product.

Step 2: Complete the RMA form

- Fill out your Return Merchandise Authorization (RMA) form, and include it in the package with the product.
- Properly pack the product for shipping. All software, cable(s) and other accessories that came with the original package **must be included**.
- Clearly write your RMA number on the top of the returned package and on the accompanying RMA form.

  SIIG will refuse to accept any shipping package, and will not be responsible for a product returned without an RMA number posted on the outside of the shipping carton.

Step 3: Ship the Product

You are responsible for the cost of shipping back to SIIG at the following address:

> SIIG, Inc.   RMA#_____
> 6078 Stewart Ave.
> Fremont, CA 94538

SIIG will ship the repaired or replaced product via UPS Ground or US Mail at no cost to you.

PRODUCT NAME	**MODEL NUMBER**
Low Profile 1394 Adapter	LP04xx

FCC RULES: TESTED TO COMPLY WITH FCC PART 15, CLASS B
OPERATING ENVIRONMENT: FOR HOME OR OFFICE USE

FCC COMPLIANCE STATEMENT:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC NOTICE:

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 and 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 the 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 or TV technician for help

Caution:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment

THE PARTY RESPONSIBLE FOR
PRODUCT COMPLIANCE
SIIG, Inc.
6078 Stewart Ave.
Fremont, CA 94538-3152