



Low Profile 1394 Adapter Installation Guide

Introduction

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

Features and Benefits

- Compliant with IEEE 1394-1995, 1394a-2000 and 1394 OHCI 1.1 standards
- PCI 2.2 compliant and works in 32-/64-bit, 3.3V or 5V PCI slots
- Provides high-speed FireWire ports for connecting up to 63 devices
- Supports both asynchronous and isochronous data transfer modes
- Supports serial bus data transfer rates of 100, 200, and 400 Mbps

System Requirements

- Pentium® II or equivalent PC with an available PCI slot
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / Server 2008 R2 / 2000 / ME / 98SE

Layout



Figure 1

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.

Static Electricity Discharge may permanently damage your system. Discharge any static electricity build up in your body by touching your computer's case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

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

Driver Installation

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

Windows 8 / 7 / Vista / XP / Server 2003 & 2008 / Server 2008 R2 / 2000

Windows 8, 7, Vista, XP Server 2003 & 2008, Server 2008 R2 and 2000 will automatically detect and install the correct driver for the *Low Profile 1394 Adapter*. No additional driver is needed.

Windows ME

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 the driver installation.

Windows 98SE

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**, click **Next**.
3. Choose **Search for the best driver for your device**, and click **Next**.
4. Clear all check boxes, click **Next**, **Next**, and **Next**.

NOTE: If prompted for the *Windows 98SE* CD, insert it, then click **OK**.

5. Click **Finish** to complete the driver installation.

Verify Windows Installation

1. Check **Device Manager** to verify successful driver installation.
Windows 8 / 7 / XP / Server 2003 / 2000: Right click **My Computer** or **Computer**, click **Manage**, then click **Device Manager**.
Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.

Windows Server 2008 / Server 2008 R2: Right click **My Computer**, then click **Manage**, double click **Diagnostics**. Click **Device Manager**.

Windows 98SE / ME: From the main desktop, right click **My Computer**, then click **Properties**. Click **Device Manager** tab.

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 has built-in driver support for many 1394 devices. Please refer to device manufacturer for details on how to install device driver for your 1394 product.

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our web site at www.siig.com and click **Support**. Our online support database is updated daily with new drivers and solutions. Answers to your questions could be just a few clicks away. You can also submit questions online and a technical support analyst will promptly respond.

SIIG offers a lifetime manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for the life of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. Please see our web site for more warranty details.

If you encounter any problems with this product, please follow the procedures below.

A) If it is within the store's return policy period, please return the product to the store where you purchased from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.siig.com, click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. Your RMA request will be processed, if the product is determined to be defective, an RMA number will be issued.

Step 2: After obtaining an RMA number, ship the product.

- Properly pack the product for shipping. All accessories that came with the original package must be included.
- Clearly write your RMA number on the top of the returned package. 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.
- You are responsible for the cost of shipping to SIIG. Ship the product to the following address:

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

RMA #: _____

- SIIG will ship the repaired or replaced product via Ground in the U.S. and International Economy outside of the U.S. at no cost to the customer.

About SIIG, Inc.

Founded in 1985, SIIG, Inc. is a leading manufacturer of IT connectivity solutions (including Serial ATA and Ultra ATA Controllers, FireWire, USB, and legacy I/O adapters) that bridge the connection between Desktop/ Notebook systems and external peripherals. SIIG continues to grow by adding A/V and Digital Signage connectivity solutions to our extensive portfolio. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive 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 computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

Low Profile 1394 Adapter

**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.

THE PARTY RESPONSIBLE FOR PRODUCT COMPLIANCE

SIIG, Inc.

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