FireWire 2-Port PCIe Quick Installation Guide

Introducing the *FireWire 2-Port PCIe*

The *FireWire 2-Port PCIe* is designed to add FireWire interface to your PCI Express-enabled system.

Features and Benefits

- Compliant with PCI Express Base Specification 1.0a
- Compliant with IEEE 1394-1995, 1394a-2000 and OHCI 1.1 Standards
- PCI Express 1-lane (x1) FireWire adapter works with PCI Express slots with different lane width
- Installs in any available PCI Express slot and supports data transfer rates up to 400Mbps
- Spare enchanced low profile bracket is included to work in low profile chassis
- Two external 6-pin FireWire (1394a) ports to support DV camcorders, hard disk, removable drives, scanners, digital cameras and other FireWire audio/ video devices
- Onboard power connector to provide reliable source

System Requirements

- PCI Express-enabled system with an available PCI Express slot
- Windows 2000/XP/Server 2003 SP1 or above

Package Contents

- *FireWire 2-Port PCIe* adapter
- Spare enchanced low profile bracket
- "Y" split power cable
- This quick installation guide

Layout

Power connector
(Required)

FireWire ports

Figure 1: FireWire 2-Port PCIe Board Layout

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's 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. Connect the system power source to the board's power connector.
6. Replace the slot bracket's holding screw to secure the card.
7. Replace the computer cover and reconnect the power cord.

Driver Installation

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

> **Important**: If your system doesn't boot to Windows properly with our card installed, check with your system's manufacturer for the latest system firmware update. Our board comes with a PCI Express bridge chip, which may not be understood by your system. At the time this manual was written, many system and motherboard vendors already have had this fix posted on their respective web sites.

Windows 2000/XP/Server 2003 SP1

> **Note:** Server 2003 Service pack 1 or above is required to install the *FireWire 2-Port PCIe* succesfully.

Windows 2000/XP/Server 2003 SP1 will automatically detect and install the correct driver for the *FireWire 2-Port PCIe.*

To Verify Windows 2000/XP/2003 Installation

1. 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.

Technical Support and Warranty

QUESTIONS? SIIG's **Online Support** has answers! Simply visit our website at *www.siig.com* and click on **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 one of our technical support analysts will promptly respond.

A lifetime manufacturer warranty supplied with this product is offered by SIIG, Inc. Please see SIIG website for more warranty details. If you should happen to encounter any problems with this product, please follow the procedures below.

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

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

Step 1: Submit your RMA request.

Go to **www.siig.com**, click **Support**, then **RMA** to submit a request to SIIG RMA. If the product is determined to be defective, an RMA number will be issued. SIIG RMA department can also be reached at (510)413-5333.

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

- Properly pack the product for shipping. All software, cable(s) and any other 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 the product to SIIG at the following address:

  SIIG, Inc.
  6078 Stewart Avenue
  Fremont, CA 94538
  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 computer upgrade manufacturer of I/O connectivity products, including PCI & ISA serial and parallel ports, USB, Serial ATA & Ultra ATA 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 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, and e-commerce sites in the Americas and the UK, as well as through major distributors, system integrators, and VARs.

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