



Hi-Speed USB 5-Port PCI Quick Installation Guide

Introduction

The *Hi-Speed USB 5-Port PCI* adds five Hi-Speed USB ports to your desktop computer.

Features and Benefits

- Compliant with USB specifications revision 2.0
- Conforms to PCI specifications revision 2.2
- Supports simultaneous operation of multiple high-speed USB 2.0 and USB 1.1 devices
- Supports high-speed (480 Mbps), full-speed (12 Mbps), and low-speed (1.5 Mbps) data transfer modes

System Requirements

PC:

- Pentium® class computer 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 SP4

Mac®:

- Power Mac® G3 (blue & white) or later with an available PCI slot
- Mac OS® 10.2.8 or later

Package Contents

- *Hi-Speed USB 5-Port PCI*
- Quick installation guide

Layout

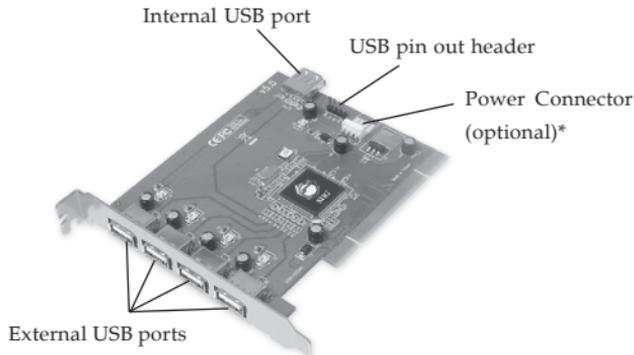


Figure 1: Layout

***Note:** This power connector (same as the one used with your floppy disk drive) is designed to provide additional power to the board when needed. Connect this power connector (recommended) when one of the following conditions occur:

- Device(s) not being detected
- All ports are used

Power off your system first before making this connection.

USB Pin-out Header

The USB pin-out header consists of 4 pins and allows for 1 USB connection. USB pin-out header not available in most Mac systems.

Important: The internal USB port and the **USB Pin-out Header** can not be used at the same time. Do not connect devices to both ports at the same time.



Figure 2: USB Pin-out Header

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 card only by their external edges.

1. Turn OFF the power to your computer and any other connected peripheral devices.
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's holding screw to secure the card.
6. Replace the computer cover and reconnect the power cord.

Driver Installation

The *Hi-Speed USB 5-Port PCI* has three built-in USB hosts. Two hosts handle USB 1.1 devices and the third host handles USB 2.0 devices. USB 1.1 and USB 2.0 devices are automatically routed to the correct USB hosts.

Windows Driver Installation

Windows 8, 7, Vista, XP , Server 2003 & 2008, Server 2008 R2, and Windows 2000 have built-in driver support for this controller. Just install the board and Windows will automatically detect and install the correct drivers for it. No additional driver is necessary.

To Verify Windows Installation

1. Use Device Manager to verify installation.
For Windows 8 / 7 / XP / 2003 / 2000: Right click **Computer** or **My Computer**, click **Manage**, then click **Device Manager**.
For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then **Device Manager**.
For Server 2008 / Server 2008 R2: Right click **Computer**, click **Manage**. Double click **Diagnostics**, then click **Device Manager**.
2. Under **Universal Serial Bus controllers**:
 - **NEC PCI to USB Open Host Controller**
 - **NEC PCI to USB Open Host Controller**
 - **Standard Enhanced PCI to USB Host Controller**
 - **USB Root Hub (USB 2.0 Root Hub in Win2K)**
 - **USB Root Hub**
 - **USB Root Hub**

Mac OS X Driver Installation

Mac OS X v10.2.8 or later has built-in driver support for this controller. Just install the board and Mac OS will automatically detect and install the correct drivers for it. No additional driver is necessary.

To Verify Mac OS Installation

Mac OS X (v10.2.8)

The only way to verify that the board works is to connect devices to the USB ports.

Mac OS X (v10.3.0) or later

Check **System Profiler** to verify successful installation. Click **Go**, then **Utilities**. Double click on **System Profiler**. Under **USB** look for one or all of the following:

- **USB High-Speed Bus**
- **USB Bus**
- **USB Bus**

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

Hi-Speed USB 5-Port PCI

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

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Fremont, CA 94538-3152, USA
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