

Hi-Speed USB 2.0/FireWire® Combo PCI Card

GUF320 Quick Start Guide

Read this guide thoroughly and follow the installation and operation procedures carefully to prevent any damage to the unit and/or any of the devices it connects to.

GUF320 package contains:

- 1 Hi-Speed USB 2.0/FireWire® Combo PCI card
- 1 Quick Start Guide
- 1 Installation CD-ROM
- 1 Warranty/Registration Card

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PKG-M0076/QS



1. Welcome

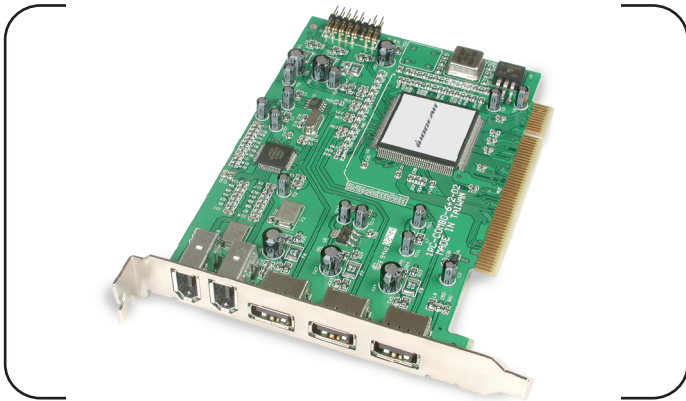
Thank you for purchasing IOGEAR's Hi-Speed USB 2.0/FireWire® Combo PCI card!

Once again, IOGEAR brings the cutting-edge technology of today and tomorrow to your Macintosh or PC. You will enjoy the convenience and high-speed that has made these technologies industry-standard.

Note:
Your order has been carefully packaged and inspected, and we hope you are pleased with the IOGEAR product you purchased. Please inspect the contents of the package to ensure that you have received all items and that nothing has been damaged. If you discover a problem, please contact your dealer immediately for assistance.

Contact Information:

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Irvine, CA 92618
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www.iogear.com
support@iogear.com



WARNING!

Your IOGEAR Hi-Speed USB 2.0/FireWire® Combo PCI Card is ESD sensitive, and can be damaged by static electricity! Please follow proper and safe ESD handling procedures when handling this PCI card, or opening your computer.

Please visit <http://www.esda.org> for information about Electro-Static Discharge.

2. Hardware Requirements

Minimum System Requirements

Macintosh

- PowerMac G3 (Blue & White Tower) or later
- Mac OS X 10.1.5 or higher is required for USB 2.0 functionality
- 64MB of RAM
- Available PCI Slot

PC

- Pentium® or K6® – class processor (266Mhz or higher)
- Windows 98 Second Edition or later
- 64MB of RAM
- Available PCI Slot

Recommended System Requirements

Macintosh

- PowerMac G4 1.0Ghz or higher
- Mac OS X 10.2.5 (Jaguar) or later
- 256MB RAM
- Available PCI Slot

PC

- AMD Athlon® 2100+ or Intel Pentium® 4 2.0Ghz Processor
- Microsoft Windows XP or later
- 256MB RAM
- Available PCI Slot

3. Features

Product Features

- Two External FireWire® Ports
- Three External High-Speed USB 2.0 Ports
- 100% Backward-Compatible with USB v1.1 Devices
- Supports FireWire® Data Transfer Rates of 400Mbps
- Supports USB 2.0 Data Transfer Rates of 480Mbps
- Built to Industry-Standard IEEE 1394, 1394OHCI v1.0, and USB 2.0 Specifications
- Backed by IOGEAR's Industry-leading 3-Year Factory Warranty!

4. Installing the Combo PCI Card

Warning!

Carelessness in installing this device can result in permanent damage to your computer, and will void your warranty. Please use care any-time you open your Mac or PC and follow the manufacturer's guidelines for proper handling procedures.

Win 98SE and ME users, please proceed to the next page for instructions on installing the needed software prior to installing the PCI card.

Step. 1

Shut down your computer

Warning! - Always shut down your Computer before opening it to avoid damaging its internal components or the components you want to install. Do not open the computer or attempt to install items inside it while it is turned on. After shutting down your computer, the internal components can be very hot. Let the computer cool down before continuing.

Step. 2

Wait five to ten minutes to allow the computer's internal components to cool.

Step. 3

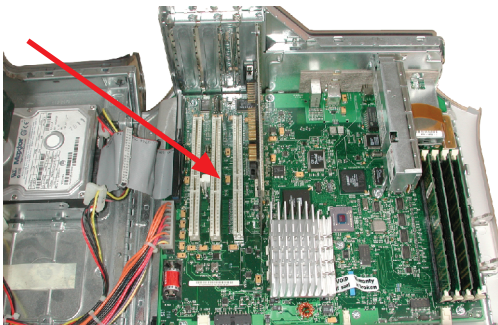
Unplug all the cables from the computer, except the power cord.

Step. 4

Open your computer's case.

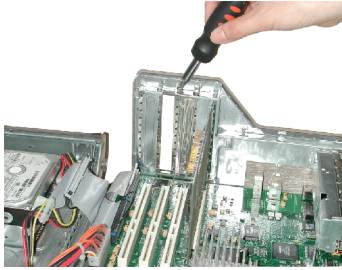
Step. 5

Locate an open PCI slot within your computer.



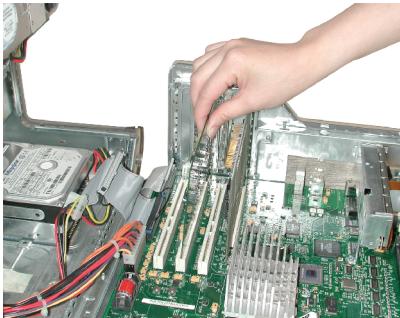
Step. 6 ▼

Use a non-magnetic screwdriver to unscrew and remove the PCI slot's metal cover.



Step. 7 ▼

Slide the IOGEAR Hi-Speed USB 2.0/FireWire® Combo Card into the open PCI slot.



Step. 8 ▼

Install the locking-screw to secure the IOGEAR Hi-Speed USB 2.0/FireWire® Combo Card into the computer, then close the computer case.

5. Software Installation

FOR WINDOWS® 98SE & ME

Step. 1 ▼

Assuming your computer is already booted-up, and sitting at the Windows desktop, please insert the IOGEAR CD-ROM that was included with your IOGEAR USB 2.0/FireWire PCI Card

Step. 2

- Open My Computer
- Open the IOGEAR CD
- Open the GUF320 folder
- Double-click the Installation file

Step. 3

The installation procedure will begin. Once it has finished, click the “Restart Later” radio button, then click Finish.

Step. 4

Remove the IOGEAR CD-ROM from your computer and insert your Windows CD-ROM.

Step. 5

Shut-down your computer, leaving the Windows CD-ROM inside your computer.

Step. 6

It is now time to install the PCI card into your computer. Once the PCI card is installed please come back to this section and proceed with step 6.

Step. 7

Boot your computer. You may be asked... 1) **BOOT FROM HARD DRIVE** or 2) **BOOT FROM CD-ROM**. Select **BOOT FROM HARD DRIVE**.

Step. 8

As your computer boots into the Windows Operating System, it will begin to prompt you for the drivers that belong to the IOGEAR USB 2.0/FireWire PCI Card.

The first thing Windows will detect is the “Ali PCI to USB Open Host Controller”. Click Next

Step. 9

You will now be asked whether you wish to “Search for a list of compatible drivers” or “Display a list of compatible drivers”. Select “Search...” then click Next.

Step. 10 ▼

You will now be asked where to find these illustrious drivers. Uncheck all boxes (Floppy, Hard Drive, Windows Update, etc.) except CD-ROM, then click Next.

Step. 11 ▼

Windows will find the drivers on the Windows CD-ROM, then proceed to ask you "Which driver do you wish to install?" Since the Ali PCI to USB Open Host Controller driver is already selected, we can safely click Finish.

Step. 12 ▼

This process will repeat 3 times – This process will repeat 3 times - This process will repeat 3 times.

Step. 13 ▼

Now comes the fun part -- Hold on, we're almost finished!

Windows will now detect a PCI OHCI Compliant IEEE 1394 Host Controller – Wow...try saying that three times fast!

Step. 14 ▼

Windows will prompt you for the location of the device drivers for the PCI OHCI Compliant IEEE 1394 Host Controller. Select "Search for a list of compatible drivers" then click Next.

Step. 15 ▼

Ensure CD-ROM is the only location checked, then click Next.

Windows will now ask you if you wish to install the updated driver for the PCI OHCI Compliant IEEE 1394 Host Controller, click Finish.

Step. 16 ▼

In a few short moments, the Windows desktop will appear.

There, now wasn't that easy? You've now installed your IOGEAR USB 2.0/FireWire PCI Card all on your very own!

FOR WINDOWS® 2000 & XP

Your Windows 2000/XP operating system natively supports the USB 2.0/FireWire® Combo PCI card – No drivers are necessary!

However, please ensure you have the latest Service Packs installed...

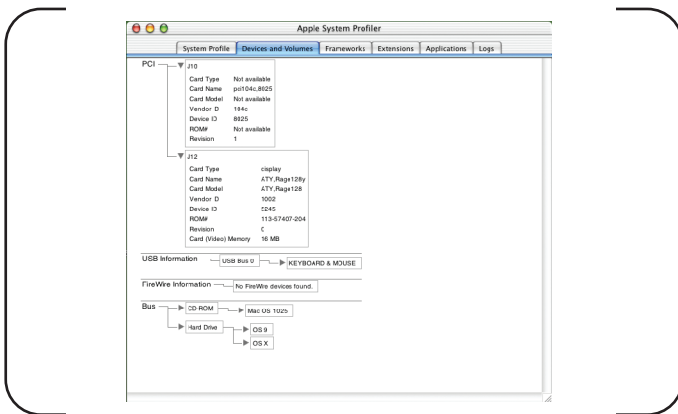
- Windows 2000 – Service Pack 2 or later
- Windows XP – Service Pack 1 or later

FOR MACINTOSH – OSX 10.1.5 AND ABOVE

The USB 2.0/FireWire® Combo PCI card is natively supported within the OSX operating system, with the exception of USB 2.0 functionality.

In an effort to provide our customers with the latest driver stack available, please visit our website (<http://www.iogear.com/support/download.php>) to obtain the latest USB 2.0 driver stack for OSX 10.1.x and OSX 10.2.x

To ensure your Combo PCI card is installed properly, check the Apple System Profiler (under PCI Cards) to ensure that it is being detected.



Congratulations! You have completed installing the IOGEAR Hi-Speed USB 2.0/FireWire® Combo PCI Card.

6. Radio and TV Interference

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

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY EXCEED THE PRICE PAID FOR THE PRODUCT FROM DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THE PRODUCT, DISK OR ITS DOCUMENTATION.

7. Warranty

IN NO EVENT SHALL THE DIRECT VENDOR'S LIABILITY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT, DISK, OR ITS DOCUMENTATION EXCEED THE PRICE PAID FOR THE PRODUCT.

The direct vendor makes no warranty or representation, expressed, implied, or statutory with respect to the contents or use of this documentation, and especially disclaims its quality, performance, merchantability, or fitness for any particular purpose.

The direct vendor also reserves the right to revise or update the device or documentation without obligation to notify any individual or entity of such revisions, or updates. For further inquiries please contact your direct vendor.

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