

# PRESTO™ GIGABIT PCIe BASIC

## GIGABIT ETHERNET ADAPTER CARD FOR PCI EXPRESS

### Quick Start Guide for Presto Gigabit PCIe Basic

#### You Should Have

The following items should be included in your product package:

- One Presto Gigabit PCIe Basic adapter card for PCI Express

The following items may be required for installation:

- Medium Phillips screwdriver

#### System Requirements

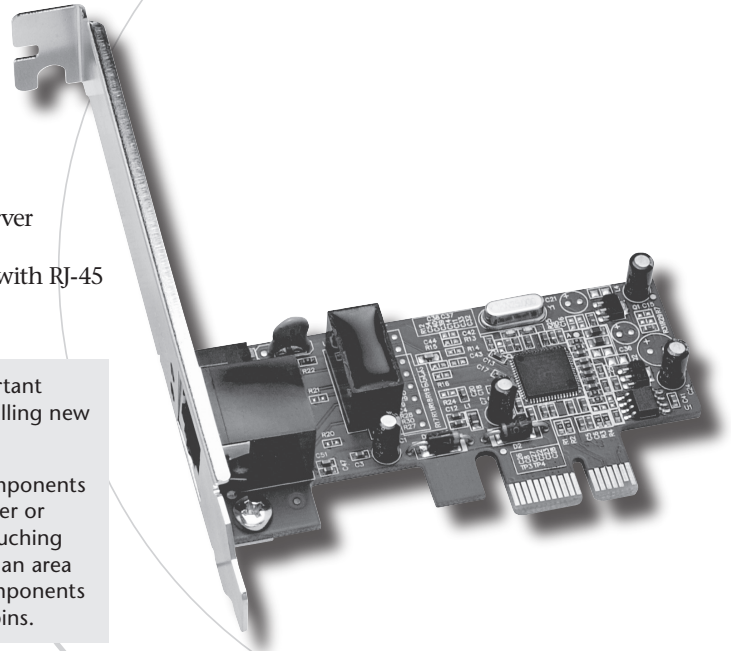
Presto Gigabit PCIe Basic requires the following in order to operate in your system:

- One available PCI Express (PCIe) slot
- Mac OS X Version 10.4.11 or later, or Windows® Vista, Windows Server 2003, or Windows XP with SP2 installed
- One standard Unshielded Twisted Pair (UTP) Category 5 or 6 cable with RJ-45 connectors (to network through a hub)



**Support Notes:** We recommend you make a backup of important information on your system's current hard drive(s) prior to installing new hardware or software.

When handling computer products, you must take care to prevent components from being damaged by static electricity. Before opening your computer or removing parts from their packages, always ground yourself first by touching a metal part of the computer, such as a port access cover, and work in an area free of static electricity; avoid carpeted areas. Handle all electronic components by their edges, and avoid touching connector traces and component pins.



[www.sonnettech.com](http://www.sonnettech.com)

Remember to register your product online at <http://registration.sonnettech.com> to be informed of future upgrades and product releases.

Software updates and links are available from the Sonnet web site at [www.sonnettech.com](http://www.sonnettech.com). • Online support form available at <http://supportform.sonnettech.com>.

Sonnet Technologies Customer Service hours are Mon.-Fri., 7 a.m.-4 p.m. Pacific Time • Customer Service Phone: 1-949-472-2772 • E-mail: [support@sonnettech.com](mailto:support@sonnettech.com)

Sonnet Technologies, Inc., Irvine, California 92618 USA • Tel: 1-949-587-3500 Fax: 1-949-457-6350

©2008 Sonnet Technologies. All rights reserved. Sonnet, the Sonnet logotype, Simply Fast, the Simply Fast logotype, and Presto are trademarks of Sonnet Technologies, Inc. Macintosh and Mac are trademarks of Apple Inc., registered in the United States and other countries. Other product names are trademarks of their respective owners. Product specifications subject to change without notice. Printed in the USA. QS-GE1000-E-E-B-101608

## Installation Steps

### INSTALLATION STEPS FOR MAC USERS

The following section covers installation and configuration steps for the Presto Gigabit PCIe Basic card in a Mac computer. If you are installing the Presto Gigabit PCIe Basic into a Windows PC, skip to INSTALLATION STEPS FOR WINDOWS USERS on the next page.

### Installation Preparation

Sonnet strongly recommends that you read the section in your computer's user manual that addresses PCIe (PCI Express) card installation, prior to installing the Presto Gigabit PCIe Basic into your system.

### Card Installation Steps

1. Shut down your computer, and then open it to access the expansion card area (PCI Express slots); refer to your computer's user manual for specific information.
2. Locate an available PCI Express slot inside your computer and remove its access cover:
  - Power Mac G5 users should use slot 2 or slot 4 if possible, or slot 3 if necessary.
  - Pre-2008 Mac Pro users may install the card into any available slot.
  - Mac Pro (Early 2008) users should only use slot 3 or slot 4.



**WARNING:** The PCI Express 2.0 slot (slot 2) in Mac Pro (Early 2008) computers does not currently support the Presto Gigabit PCIe Basic card. Until this issue is resolved, Mac Pro (Early 2008) system owners should install the Presto Gigabit PCIe Basic card in slot 3 or slot 4. Check Sonnet's Website for updated information.

3. Remove the Sonnet card from its packaging, and then install it into the PCI Express slot; **make sure the card is firmly seated and secured.**
4. Close your computer, reconnect its cables, and plug in a twisted pair Ethernet cable to the Presto Gigabit PCIe Basic card.

5. Turn on your computer; depending on the computer and operating system used:

- If you installed the card into a Mac Pro (Early 2008) or Power Mac G5, proceed to Software Installation Steps.
- If you installed the card into a pre-2008 Mac Pro, depending on which version of Mac OS X your computer is running, Expansion Slot Utility will open automatically. If it does not open by itself, you must do so manually (Expansion Slot Utility is located in the /System/Library/CoreServices folder). Select the configuration appropriate for your setup (your Sonnet card is an x1 card), and then click Quit if the default configuration was appropriate, or click Save and Restart if you changed the configuration.

### System Configuration Steps—Mac OS X Version 10.5 (Leopard) Users

Listed below are the steps necessary to configure the Presto Gigabit PCIe Basic for use in your computer.

1. On startup, a window will appear stating a new network interface has been detected. Click the Network Preferences button; System Preferences will open with Network preferences selected.
2. If it is not already selected, click on the Presto Gigabit PCIe Basic (identified as a PCI Ethernet card) in the left panel, and then configure the settings, if necessary. If your computer was connected to a network using built-in Ethernet, you may not have to enter new settings; click the Apply button.
3. If you created new settings, or edited existing settings, click the Apply button.
4. Close System Preferences; if you used existing settings, your installation is complete. For additional information on configuring settings, refer to Mac Help (Help > Mac Help from the Finder) and [www.apple.com/support](http://www.apple.com/support); type "network, ethernet" to display various articles.

### System Configuration Steps—Mac OS X Version 10.4 (Tiger) Users

Listed below are the steps necessary to configure the Presto Gigabit PCIe Basic for use in your computer.

1. From the Apple menu, select System Preferences.
2. Click the Network icon; a window will appear stating that a new port is detected. Click OK.

## Installation Steps

### System Configuration Steps—Mac OS X Version 10.4 (Tiger) Users (continued)

3. From the Show: drop-down menu, select the Presto Gigabit PCIe Basic (identified as a PCI card), and then configure the settings, if necessary. If your computer was connected to a network using built-in Ethernet, you may not have to enter new settings; click the Apply Now button.
4. If you created new settings, or edited existing settings, click the Apply Now button.
5. Close System Preferences; if you used existing settings, your installation is complete. For additional information on configuring settings, refer to Mac Help (Help > Mac Help from the Finder) and [www.apple.com/support](http://www.apple.com/support); type “network, ethernet” to display various articles.

### INSTALLATION STEPS FOR WINDOWS USERS

The following sections cover installation and configuration steps for the Presto Gigabit PCIe Basic card in a Windows PC.

#### Installation Preparation

Sonnet strongly recommends that you read the section in your computer’s user manual that addresses PCI card installation, prior to installing the Presto Gigabit PCIe Basic into your system.

#### Card Installation Steps

1. Shut down your computer, and then open it to access the expansion card area (PCI slots); refer to your computer’s user manual for specific information.
2. Locate an available PCI Express slot inside your computer and remove its access cover.
3. Remove the Sonnet card from its packaging, and then install it into the PCI Express slot; **make sure the card is firmly seated and secured.**
4. Close your computer.
5. Plug in a twisted pair Ethernet cable to the Presto Gigabit PCIe Basic card, and then turn on your computer.

### System Configuration Steps—Windows Users

Listed below are the steps necessary to select the Presto Gigabit for use as your computer’s Ethernet networking port.

1. During startup, Found New Hardware and Installing New Driver pop-ups may appear.
2. Depending on your setup, Windows may configure itself to automatically enable Internet usage; launch your Internet browser application of choice and browse a Web site to verify.
3. If your system did not configure itself (or if you need to make changes to your network settings), you will have to do so manually.

*For Windows Vista users:* Click the Start button, and then select Control Panel > Network and Internet > Network and Sharing Center.

*For Windows XP and Server 2003 users:* Click the Start button, and then select Control Panel > Network Connections > New Connection Wizard.

### About the Presto Gigabit Card

**1000/ACT Indicator** - This LED displays the Gigabit Ethernet (1000BaseT) connection status.

- When the *LED is off*, there is *no Gigabit link* between the Presto card and the network.
- When the *LED is on*, a *Gigabit link is established*, but there is *no traffic* on the network.
- When the *LED is flashing*, it indicates there is *traffic on the network* to which the Presto card is connected.

**100/ACT Indicator** - This LED displays 100BaseT and 10BaseT connection status.

- When the *LED is off*, there is *no 100BaseT or 10BaseT link* between the Presto card and the network.
- When the *LED is on*, a *100BaseT or 10BaseT link is established*, but there is *no traffic* on the network.
- When the *LED is flashing*, it indicates there is *traffic on the network* to which the Presto card is connected.

**Ethernet Port** - Plug in any Category 5 or 6 unshielded twisted pair (UTP) cable with RJ-45 connectors.

- Use standard cables when you are connecting your computer through a hub.

