PRESTO™ GIGABIT PRO PCIe
GIGABIT ETHERNET ADAPTER CARD FOR PCI EXPRESS SLOT

Quick Start Guide for Presto Gigabit Pro PCIe

You Should Have
The following items should be included in your product package:

• One Presto Gigabit Pro PCIe adapter card

The following items may be required for installation:

• Medium Phillips screwdriver

System Requirements
Presto Gigabit Pro PCIe requires the following in order to operate in your system:

• One available PCI Express (PCIe) slot
• OS X® Version 10.7.5 or later; or Windows® 8, 7, Vista®, Server 2012, or Server 2008
• One standard Unshielded Twisted Pair (UTP) Category 5 or 6 cable with RJ-45 connectors
• Internet access (for driver download, Windows 7, Vista, and Server 2008 users, only)
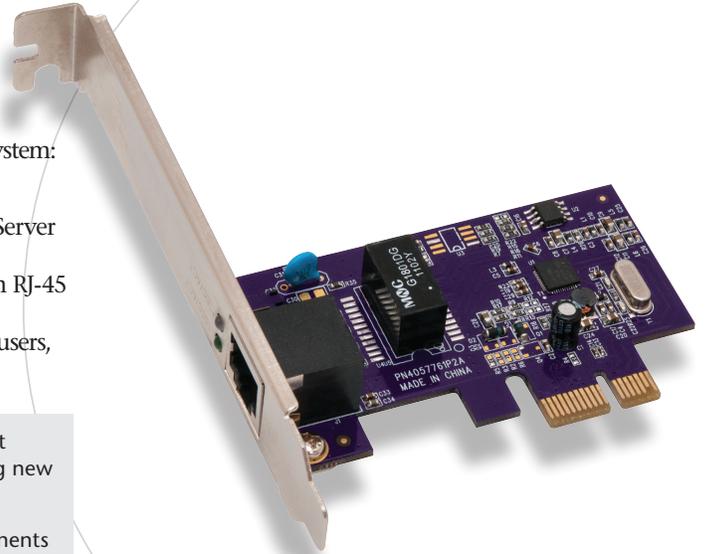
Support Notes: We recommend you make a backup of important information on your system's current hard drive(s) prior to installing new hardware or software.

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.

About This Document
Check the Sonnet website for the latest documentation.
1. Go to www.sonnettech.com/support/kb/kb.php
2. Click the Computer Cards link
3. Click the PCIe Cards link
4. Click the Presto Gigabit Pro PCIe link, and then click the Documentation link.
5. Click the Presto Gigabit Pro PCIe Quick Start Guide [English] link, and then check the Document Version information. If the version listed is later than this document, click the Download Now button for the latest version.

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STEPS FOR MAC USERS
The following section covers the installation and configuration of the Presto Gigabit Ethernet Pro PCIe card in a Mac Pro or Thunderbolt-to-PCIe card expansion chassis. If you are installing the Presto card into a Windows PC, skip to STEPS FOR WINDOWS USERS.

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 Pro PCIe into your system.

Card Installation Steps
This section covers the installation of the Presto Gigabit Pro PCIe card into your Mac Pro® or Thunderbolt™-to-PCIe expansion chassis.

1. Shut down your computer or Thunderbolt-to-PCIe expansion chassis, and then open it to access the expansion card area (PCIe slots); refer to the user's manual for specific information.

2. Locate an available PCIe slot 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 the computer or Thunderbolt-to-PCIe expansion chassis.

5. Plug in a network-connected twisted-pair Ethernet cable into the Presto Gigabit Ethernet Pro PCIe card.

Driver Information—OS X
The drivers that enable the Presto Gigabit Pro PCIe card to work in your computer are installed as part of OS X; the Presto card is ready to configure when you power on your computer.

System Configuration Steps—Mac Users
Listed below are the basic steps necessary to add the Presto Gigabit Pro PCIe for use as one of your computer's Ethernet network ports.

1. Power on your computer. After your computer has finished booting, launch the System Preferences application, and then click Network.

2. If it is not already selected, click on the Presto Gigabit Pro PCIe (identified as a *PCI Ethernet slot*) in the left panel, and then configure the settings, if necessary. If your computer was connected to a network using built-in Ethernet, you should not have to enter new settings.

3. After you accepted the existing settings, edited them, or created new ones, 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.info.apple.com; type "network, Ethernet" and "combining Ethernet ports" to display various articles.

STEPS FOR WINDOWS USERS
The following section covers configuration and use of the Presto Gigabit Pro PCIe 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 Pro PCIe into your system.

Card Installation Steps
This section covers the installation of the Presto Gigabit Pro PCIe card into your Windows PC.

1. Shut down your computer, and then open it to access the expansion card area (PCIe slots); refer to the user's manual for specific information.

2. Locate an available PCIe slot 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 the computer.

5. Plug in a network-connected twisted-pair Ethernet cable into the Presto Gigabit Ethernet Pro PCIe card.

Driver Information—Windows 8, Server 2012
The drivers that enable the Presto Gigabit Pro PCIe card to work in your computer are installed as part of Windows 8 and Server 2012; the Presto card is ready to configure when you power on your computer. Skip to System Configuration Steps—Windows Users on page 4 for basic configuration information.

Windows 7, Server 2012—Software Download/Installation Steps
1. Start up your computer.

2. Log onto the Internet and go to www.sonnettech.com/support, and then click the Online Support Knowledgebase link.

3. Click the Computer Cards link, and then click the PCIe Cards link.

4. Locate and click the Presto Gigabit Pro PCIe link. Note: *Do not click the Presto Gigabit Pro PCIe (Discontinued) link.*

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Windows 7, Server 2012—Software Download/Installation Steps (continued)

5. Click the Presto Gigabit Pro PCIe Driver (Windows) link, and then click Download Now; a new window or tab will appear.

6. Locate and click the file download link for the software appropriate for the OS software running your computer (32 for 32-bit operating systems, x64 for 64-bit versions).

7. When the *Broadcom License Agreement* window appears, scroll to the bottom of the page and then click Accept.

8. When asked whether you want to open or save the file, click Save. When the message stating the download completed appears, click Open; a new window will appear.

9. Select the win_b57_32 (or win_b57_x64) file folder, and then click the "Extract all files" button toward the top of the window.

10. When the *Extract Compressed (Zipped) Folders* window appears, accept the default extraction location or choose a new one, and then click Extract; the file will be extracted.

11. From the Start menu, right-click Computer and then select Manage; the *Computer Management* window will appear.

12. In the window's left panel, locate and click Device Manager. In the middle panel, locate and double-click the Ethernet Controller item listed in the "Other devices" category; an *Ethernet Controller Properties* window will appear.

13. Click the Update Driver button; an *Update Driver Software* window will appear.

14. Click "Browse my computer for driver", and then click Browse. Locate and select the win_b57_32 (or win_b57_x64) folder you downloaded, and then click OK.

15. Back in the *Update Driver Software* window, click Next; the driver is installed. When a message appears stating the software installation is complete, click Close; the card is ready for use. Skip to System Configuration Steps—Windows Users on page 4 for basic configuration information.

Windows Vista, Server 2008—Software Download/Installation Steps

1. Start up your computer.

2. During startup, a Found New Hardware window will appear; click "Don't show this message again for this device". If you haven't disabled User Account Control (UAC), a UAC window will appear; click Continue.

3. Log onto the Internet and go to www.sonnettech.com/support, and then click the Online Support Knowledgebase link.

4. Click the Computer Cards link, and then click the PCIe Cards link.

5. Locate and click the Presto Gigabit Pro PCIe link. Note: *Do not click the Presto Gigabit Pro PCIe (Discontinued) link.*

6. Click the Presto Gigabit Pro PCIe Driver (Windows) link, and then click Download Now; a new window or tab will open.

7. Locate and click the file download link for the software appropriate for the OS software running your computer (32 for 32-bit operating systems, x64 for 64-bit versions).

8. When the *Broadcom License Agreement* window appears, scroll to the bottom of the page and then click Accept.

9. When asked whether you want to open or save the file, click Save. When the message stating the download completed appears, click Open; a new window will appear.

10. Select the win_b57_32 (or win_b57_x64) file folder, and then click the "Extract all files" button toward the top of the window.

11. When the *Extract Compressed (Zipped) Folders* window appears, accept the default extraction location or choose a new one, and then click Extract; the file will be extracted.

12. From the Start menu, right-click Computer and then select Manage; the *Computer Management* window will appear.

13. In the window's left panel, locate and click Device Manager. In the middle panel, locate and double-click the Ethernet Controller item listed in the "Other devices" category; an *Ethernet Controller Properties* window will appear.

14. Click the Reinstall Driver button; an *Update Driver Software* window will appear.

15. Click "Browse my computer for driver", and then click Browse. Locate and select the win_b57_32 (or win_b57_x64) folder you downloaded, and then click OK.

16. Back in the *Update Driver Software* window, click Next; the driver is installed. When a message appears stating the software installation is complete, click Close; the card is ready for use. Skip to System Configuration Steps—Windows Users on the next page for basic configuration information.

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System Configuration Steps—Windows Users

Listed below are the basic steps necessary to add the Presto Gigabit Pro PCIe for use as one of your computer's network connections.

1. Plug in one end of an Ethernet cable to the Presto adapter's Ethernet port. Connect the other end to a cable or DSL modem, or a network.

2. With your computer turned on, depending on your setup, Windows may configure itself automatically to work with the Presto adapter. Launch a Web browser and browse a Website to verify.

3. If your system did not configure itself, access the Network and Sharing Center to make necessary changes.

About the Presto Gigabit Pro PCIe Card

ACT Indicator - This LED displays the link status.

- When the *LED is off,* there is *no traffic* on the network.
- When the *LED is flashing,* there is *traffic on the network* to which the Presto card is connected.

100/1000 Indicator - This LED displays connection status.

- When the *LED is on,* a *link is established.*

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.

100/1000 indicator

ACT indicator

Ethernet port