

# PRESTO™ 10GbE1-PORT OR 2-PORT

## 10 GIGABIT ETHERNET ADAPTER CARDS FOR PCI EXPRESS SLOT

### Quick Start Guide

#### You Should Have

The following items should be included in your product package:

- Presto 10GbE 1-Port, OR Presto 10GbE 2-Port Adapter Card
- Low-profile PCI bracket

The following items may be required for installation:

- Medium Phillips screwdriver

#### System Requirements

Presto 10GbE cards require the following in order to operate in your system:

- One available PCI Express (PCIe) x8 or x16 (mechanical) slot
- OS X® 10.6 or later, or OS X Server 10.6 or later; or Windows® 7 or Windows Vista®, Windows Server 2008 R2, Windows Server 2008, or Windows Server 2003
- Internet access (for driver download)



**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, take care to prevent components from being damaged by static electricity; avoid working in carpeted areas. Handle expansion cards only by their edges and avoid touching connector traces and component pins. Also, avoid touching components inside your computer.



[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>.

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## Installation Steps

### INSTALLATION STEPS FOR MAC USERS

The following section covers installation and configuration steps for the Presto 10GbE card in a Mac computer. If you are installing the Presto 10GbE 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 PCI card installation, prior to installing the Presto 10GbE card 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 x8 (8-lane) or x16 (16-lane) 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. Turn on your computer; depending on the computer and operating system used:
  - If you installed the card into an Xserve, Mac Pro (Mid 2012), Mac Pro (Mid 2010), Mac Pro (Early 2009), or Mac Pro (Early 2008), proceed to OS X Driver Download and Installation.
  - If you installed the card into a pre-2008 Mac Pro, Expansion Slot Utility should 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 x8 card, and should be assigned at least an x8 slot\*), and then click Quit if the default configuration was appropriate, or click Save and Restart if you changed the configuration. Proceed to the next section.

### OS X Driver Download and Installation

This section describes the download and installation of the driver required to support the Presto 10GbE card in your computer.

1. Launch a Web browser and go to [www.sonnettech.com/support](http://www.sonnettech.com/support), and then click the Downloads, Manual, & Knowledgebase link.
2. On the Support Categories page, click the Computer Cards link, then click the PCIe Cards link, and then click either the Presto 10GbE 1-Port or Presto 10GbE 2-Port link.

\* x4 slot-compatible, but with reduced performance

3. On the Presto 10GbE page, click the Driver link, and then click the Download Now button next to "Echo Express SE 10GbE/Presto 10GbE Software (OS X)"; the software will be downloaded.
4. Double-click the `sonnet_10gbe_installer_x.x.dmg` (x.x is the version) file; the file will expand and a new window will open.
5. Double-click the Sonnet 10Gb Ethernet Installer x.x.pkg file to launch the driver installer.
6. When the *Welcome to the Sonnet 10 Gigabit Ethernet Installer* window appears, click Continue.
7. When the *Important Information* window appears, read the information, and then click Continue.



**Support Note:** The release notes contain information regarding the configuration of the driver to enable LRO (Large Receive Offload) to improve performance in certain situations. Refer to this read me for specific information.

8. When the *Software License Agreement* window appears, read the agreement, click Continue, and then click Agree.
9. When the *Standard Install* window appears, click Customize to change the items installed if necessary, change the location or accept the default installation location, and then click Install.
10. When asked to do so, enter the Administrator password, and then click Install Software; the software is installed.
11. When the next window appears, click Restart to restart your computer and finish the driver installation. After the computer has restarted, your installation is complete.

### Basic Card Configuration Information

Configure the Presto 10GbE card in the System Preferences Network preferences panel; the card will be identified as PCI Ethernet card.

## Installation Steps

### INSTALLATION STEPS FOR WINDOWS USERS

The following sections cover installation and configuration steps for the Presto 10GbE card in a Windows computer.

#### Card Installation Steps

Sonnet strongly recommends that you read the section in your computer's user manual that addresses PCI card installation, prior to installing the Sonnet card in your system.

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 x8 (8-lane) or x16 (8-lane) 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.

#### Driver Download and Installation Steps

1. Start your computer, launch a Web browser and go to [www.sonnettech.com/support](http://www.sonnettech.com/support), and then click the Downloads, Manual, & Knowledgebase link.
2. On the Support Categories page, click the Computer Cards link, then click the PCIe Cards link, and then click either the Presto 10GbE 1-Port or Presto 10GbE 2-Port link.
3. On the Presto 10GbE page, click the Driver link, and then click the Download Now button next to "Presto 10GbE 1-Port/Presto 10GbE 2-Port Drivers (Windows)"; choose a download location and save the file.
4. Double-click the `sonnet10gbe_x.x.xx.zip` file (x.x.xx is the version number) to open the archive.
5. Double-click the Setup.exe file to launch the installer. If you haven't disabled User Access Control (UAC) on your computer, another window will appear asking you to allow the program to run; click Allow.
6. When the *Welcome to the Sonnet 10Gb Ethernet Installer* window appears, click Next.
7. When the *License Agreement* window appears, read the agreement, select the "I accept the EULA" radio button, and then click Next.
8. When the *Read Me* window appears, click Next.
9. When the *Myricom Myri10GE* window appears, click Next.

10. When the *Welcome to the Myri-10GE Setup Wizard* window appears, click Next.
11. When the *License Agreement* window appears, read the agreement, select the "I agree" radio button, and then click Next.
12. When the *Allow TCP Adjustments* window appears, select the setting appropriate for your setup, and then click Next.
13. When the *Network Values* window appears, click Next if you chose to keep the default TCP settings in the last step. Otherwise, enter the values appropriate for your setup, and then click Next.
14. When the *Select Installation Folder* window appears, either select the default location and then click next, or click Browse and choose an alternate installation folder, and then click Next.
15. When the *Confirm Installation* window appears, click Next; windows showing the driver installation process will appear. If you haven't disabled UAC on your computer, another window will appear stating Windows can't identify the publisher of the driver software; click "Install this driver software anyway".
16. When the *Installation Complete* window appears, click Close.
17. When a window with a message stating you must restart for changes to take effect, click OK, and then click Close to close the *Sonnet 10Gb Ethernet Installer Setup* window.
18. Restart your computer; the installation is complete.

#### Card Configuration Information

You may configure the Presto 10GbE card's settings using Windows Device Manager. You may locate the card in the Network adapters category, listed as a Myricom Myri-10G Ethernet adapter.