



DP Gigabit Ethernet PCIe Quick Installation Guide

Introducing the *DP Gigabit Ethernet PCIe*

The *DP Gigabit Ethernet PCIe* adds Gigabit Ethernet to your system. This adapter supports 10/100/1000 Ethernet, eliminating network bottlenecks.

Features and Benefits

- Adds a high-speed Gigabit Ethernet port to your PCI Express enabled system
- Dual Profile design to work with full height or low profile chassis
- Compliant with 10/100/1000 IEEE 802.3 specification
- Easy plug-n-play installation and installs in any available PCI Express (PCIe) slot
- Supports 10/100/1000 Mbps data rate auto-negotiation and full duplex

System Requirements

- PCI Express-enabled system with an available PCI Express slot
- Windows® 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / 2000

Serial Number Sticker

For future product return or exchange, this serial number is required. Please keep it for your reference.



Package Contents

- *DP Gigabit Ethernet PCIe*
- Spare enhanced low profile bracket
- Driver CD
- Quick installation guide

Layout

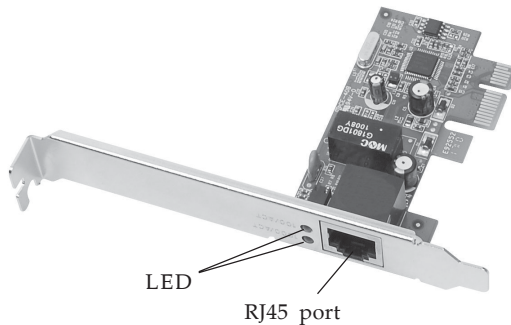


Figure 1. DP Gigabit Ethernet PCIe

LED Indicators

Two LEDs to monitor your network connection are visible through the slot bracket.

- **100/ACT:** 100 Mb/s network connection and network activity
- **1000/ACT:** Gigabit (1000 Mb/s) network connection and network activity

Hardware Installation

Note: For low profile systems, replace the currently mounted bracket with the included low profile bracket. 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 case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges.

1. Turn OFF the power to your computer.
2. Unplug the power cord, remove the computer cover.
3. Remove the slot bracket from an available PCI Express slot.
4. Carefully align the card to the selected PCI Express slot, push the board down firmly, but gently, until it is well seated.
5. Replace the slot bracket holding screw to secure the card.
6. Replace the computer cover and reconnect the power cord.

Software Installation

This section provides instructions on how to install the *DP Gigabit Ethernet PCIe* drivers.

Windows 7 (32-/64-bit)

1. At the desktop, insert the driver CD.
At the AutoPlay box: Click **Open folder to view files**.

If AutoPlay doesn't start: Click **Start**, in Start Search, type **D:\PCIe\Win7\Setup.exe**, press **Enter**. (Change **D:** to match your CD-ROM drive letter)

2. At **User Account Control**, click **Yes**.
3. At Welcome window, click **Next**.
4. At Ready to install the program, click **Install**.
5. Please wait while the driver install process continues.
6. Click **Finish** to complete the installation.

Windows Vista (32-bit)

1. Right click **Computer**, click **Manage**, click **Continue**, click **Device Manager**.
2. Double click **Network adapters**, right click **Realtek RTL 8168D/8111A Family PCI-E Gigabit Ethernet NIC...**, then click **Update Driver Software**.
3. Click **Browse my computer for driver software**.
4. Insert the driver CD, type **D:\PCIe\Vista\32**, click **Next**. (Change **D:** to match your CD-ROM drive letter)
5. Click **Close** to complete the installation.

Windows Vista (64-bit)

1. Right click **Computer**, click **Manage**, click **Continue**, click **Device Manager**.
2. Right click **Realtek RTL8168/8111 Family PCI-E Gigabit Ethernet NIC (NDIS6.0)**, click **Update Driver Software**.
3. Click **Browse my computer for driver software**.
4. Insert the driver CD, type **D:\PCIe\Vista\64**, click **Next**. (Change **D:** to match your CD-ROM drive letter)
5. Click **Close** to complete the installation.

Windows XP (32-/64-bit) / Server 2003 (32-/64-bit)

1. Install the board and boot up Windows.
2. At the **Found New Hardware Wizard**, select **No, not this time**, then click **Next**. (Skip if not prompted)
3. Insert the driver CD, select **Install the software automatically (Recommended)**, then click **Next**.
4. Accept the default driver and click **Next**
5. Click **Finish** to complete the installation.

Windows Server 2008 (32-bit)

1. Right click **Computer**, click **Manage**, double click **Diagnostics**, click **Device Manager**.
2. Right click **Realtek RTL8168/8111 Family PCI-E Gigabit Ethernet...**, click **Update Driver Software**.
3. Click **Browse my computer for driver software**.
4. Insert the driver CD, type **D:\PCIe\Vista\32**, then click **Next**. (Change **D:** to match your CD-ROM drive letter)
5. Click **Close** to complete the installation.

Windows Server 2008 (64-bit)

1. Right click **Computer**, click **Manage**, double click **Diagnostics**, click **Device Manager**.
2. Right click **Realtek RTL8168/8111 Family PCI-E Gigabit Ethernet...**, click **Update Driver Software**.
3. Click **Browse my computer for driver software**.
4. Insert the driver CD, type **D:\PCIe\Vista\64**, then click **Next**. (Change **D:** to match your CD-ROM drive letter)
5. Click **Close** to complete the installation.

Windows 2000

1. Install the board, boot up Windows.
2. At the **Found New Hardware Wizard**, click **Next**.
3. Select **Search for a suitable driver for my device (recommended)**, then click **Next**.
4. Check **Specify a location**, uncheck the other boxes, then click **Next**. Insert the driver CD.
5. Type **D:\PCIe\win\win2000**, then click **OK**. (Change **D:** to match your CD-ROM drive letter)
6. Click **Next**, then click **Finish**.
7. Restart the computer to complete the installation.

To Verify Windows Installation

1. Go to Device Manager to verify installation.
For Windows 7: Right click **Computer**, click **Manage**, then click **Device Manager**.
For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.
For Windows XP / Server 2003 / 2000: Right click **My Computer**, click **Manage**, then click **Device Manager**.
For Windows Server 2008: Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.
2. Double click **Network adapters**, either **Realtek PCIe GBE Family Controller** or **Realtek RTL... PCI-E Family Gigabit Ethernet...** should be displayed.

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 analysts will promptly respond.

SIIG offers a 5-year manufacturer warranty with this product. 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 it.
- B) If your purchase has passed the store's return policy period, please follow these steps to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.siig.com, click **Support**, then **RMA** to submit a request to [SIIG RMA](#). 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 software, cable(s) and any other 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. 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. All centered around the distribution and switching of A/V signals over CAT5/6, these products include matrix switches, distribution amplifiers, extenders, converters, splitters, cabling, and more.

SIIG is the premier one-stop source of upgrades and is committed to providing high quality products while keeping economical and competitive prices. High-quality control standards are evident by one of the lowest defective return rates in the industry. Our products offer comprehensive user manuals, user-friendly features, and most products are backed by a lifetime warranty.

SIIG products can be found in many computer retail stores, mail order catalogs, and e-commerce sites in the Americas, as well as through major distributors, system integrators, and VARs.

PRODUCT NAME

DP Gigabit Ethernet PCIe

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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