

4-Port USB 3.0 PCIe Installation Guide

Introduction

The *4-Port USB 3.0 PCIe* adds four USB 3.0 ports to your PCIe-enabled desktop PC, enhancing existing systems with the latest USB 3.0 technology.

Key Features and Benefits

- Compliant with Universal Serial Bus 3.0 Specification
- Compliant with PCI Express Base Specification, Revision 2.0
- Supports data rate up to 5Gb/s and backward compatible with USB 2.0/1.1 devices

Package Contents

- 4-Port USB 3.0 PCIe
- Driver CD
- Installation guide

System Requirements

- Desktop PC with an available PCIe slot
- Windows® 8 (32-/64-bit) / 7 (32-/64-bit) / Vista (32-/64-bit) / XP (32-/64-bit) / Server 2003 & 2008 (32-/64-bit) / Server 2008 R2

Layout

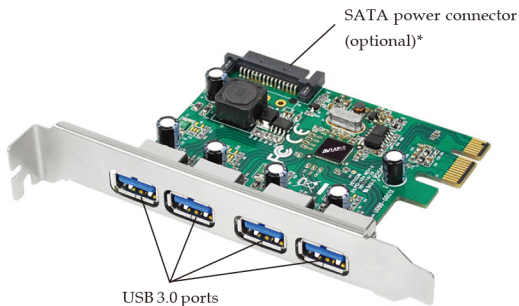


Figure 1: Layout

***Note:** The host adapter will work with or without the power connected. However, we recommend this connection if your USB devices are not recognized, lose connection to Windows randomly or all ports are connected to USB devices.

Hardware Installation

Since the design of computer cases and motherboards vary, refer to your computer's reference manual for further information.

Static Electricity Discharge may permanently damage your system. Discharge any static electricity build up in your body by touching your computer's 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 and any other connected peripheral devices.
2. Unplug the power cord from the computer.
3. Remove your computer cover.
4. Remove the slot bracket from an available PCIe slot.
5. Carefully align the card's bus connector with the selected PCI Express slot on the motherboard. Push the card down firmly, but gently, until it is well seated.
6. Replace the slot bracket holding screw to secure the card.

7. Connect the system power supply to the cards's **SATA power connector**. This connection is optional. Please see **Layout** on page 2 for more information.
8. Replace the computer cover and reconnect the power cord.

Driver Installation

Note: For Windows 8, the driver is already embedded in the operating system. So no additional installation steps are needed.

Windows 7 (32-/64-bit) / Vista (32-/64-bit) / 2008 R2

1. Install the card and boot up Windows.
2. For Windows Vista, click **Cancel** at the Found New Hardware.
For other OS, go directly to step 3.
3. Insert the driver CD.
For Windows 7 / 2008 R2: At the CD AutoPlay box, click **Open folder to view files**, then double click **Setup**.

For Windows Vista: At the CD Autoplay window, double click **Setup**.

4. Click **Yes** or **Continue** at the User Account Control. For 2008 R2, skip this step.
5. At Welcome to InstallShield wizard..., click **Next**.
6. Select **I accept the terms of the license agreement**, click **Next**.
7. At Ready to Install the Program, click **Install**.
8. Click **Finish**, then restart the computer.

Windows XP (32-/64-bit) / Server 2008 & 2003 (32-/64-bit)

1. Install the card and boot up Windows.
2. Click **Cancel** at the Found New Hardware window.
3. Insert the driver CD. Click **Start, Run**. Type **D:\Setup.exe**, click **OK**. (Change **D:** to match your CD\DVD-ROM drive letter)
4. At Welcome to InstallShield wizard..., click **Next**.
5. Select **I accept the terms of the license agreement**, click **Next**.

6. At Ready to Install the Program, click **Install**.
7. Click **Finish**, then restart the computer.

To Verify Successful Installation

1. Go to Device Manager to verify installation.
For Windows 8 / Windows 7/ Windows XP / Server 2008 R2 / Server 2003: Right click **Computer** or **My Computer**, click **Manage**, then click **Device Manager**.
For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.
For Windows 2008: Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.
2. Double click **Universal Serial Bus controllers**. A **Renesas Electronics USB 3.0 Host Controller** and a **Renesas Electronics USB 3.0 Root Hub** should be displayed.
For Windows 8, a **Renesas USB 3.0 eXtensible Host Controller** is displayed.