



DP 1-Port RS232 Serial PCIe with 16950 UART Installation Guide

Introduction

The *DP 1-Port RS232 Serial PCIe with 16950 UART* is a high-speed serial card that provides one additional serial port to your system.

Key Features and Benefits

- PCI Express (x1) single port serial with 128-byte FIFO buffers
- Supports data transfer rate up to 230Kb/s
- Installs in standard height or low profile chassis with included brackets

System Requirements

- PCI Express equipped system with an available PCI Express 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 / 2000

Package Contents

- *DP 1-Port RS232 Serial PCIe with 16950 UART*
- Spare enhanced low-profile bracket
- Driver CD
- Installation guide

Layout

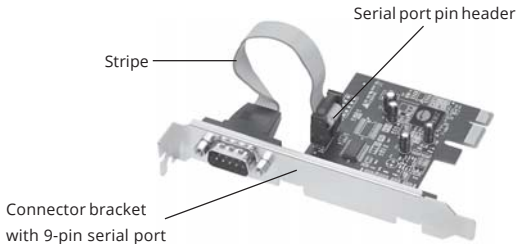


Figure 1: Layout

Hardware Installation

General instructions for installing the card are provided below. Since the design of computer cases and motherboards vary, refer to your computer 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's case for a few seconds. Avoid any contact with internal parts and handle cards only by their external edges. **Note:** *For low profile chassis, remove the standard height bracket and install the enhanced low-profile bracket now.*

1. Turn OFF the power to your computer and any other connected peripheral devices.
2. Unplug the power cord and remove the cover from the computer.
3. Remove the slot bracket from an available PCIe slot.

4. To install the card, carefully align the card's bus connector with the selected PCIe slot on the motherboard. Push the board down firmly, but gently, until it is well seated.
5. Replace the slot bracket's holding screw to secure the card.
6. Replace the computer cover and reconnect the power cord.

Driver Installation

This section provides information on how to install the *DP 1-Port RS232 Serial PCIe with 16950 UART* drivers.

Windows 8 (32-/64-bit) / 7 (32-/64-bit) / Server 2008 R2

1. Install the board and boot up Windows.

Note: Windows 7 will automatically search preconfigured driver folders for the proper driver, this process may take several minutes to complete. Do not interrupt this process.

2. Insert the driver CD. Close the CD autoPlay window if prompted.
3. *For Windows 8:* Click **Windows key** and **R**, type **D:\setup.exe**, click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)
For Windows 7 / Server 2008 R2: Click **Start**. In the **Search programs and files** box, type **D:\setup.exe**, press **Enter**. (Change **D:** to match your CD/DVD-ROM drive letter)
4. At the **User Account Control**, click **Yes**. Skip this step if not prompted.
5. At the **Welcome to the PLX OXPCIe952 RS-232 Serial/Parallel PCIe Card Setup Wizard**, click **Install**.
6. At the **Completing the PLX OXPCIe952 RS-232 Serial/Parallel PCIe Card Setup Wizard**, select **Reboot now**, then click **Finish** to complete the installation.

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

1. Install the board and boot up Windows.
2. At the **Found New Hardware** window, click **Cancel**. Skip this step if not prompted.
3. Insert the driver CD. Close CD autoplay window if prompted.
4. Click **Start, Run**. Type **D:\setup.exe**, click **OK**. (Change **D:** to match your CD/DVD ROM drive letter)
5. At the **User Account Control**, click **Allow**. Skip this step if not prompted.
6. At the **Welcome to the PLX OXPCIe952 RS-232 Serial/Parallel PCIe Card Setup Wizard**, click **Install**.
7. At the **Completing the PLX OXPCIe952 RS-232 Serial/Parallel PCIe Card Setup Wizard**, select **Reboot now**, then click **Finish** to complete the installation.

Windows 2000

1. Install the board and boot up Windows.
2. At the **Found New Hardware Wizard**, click **Cancel**.
3. Insert the driver CD. Close **AutoPlay** if prompted.
4. Click **Start, Run**. Type **D:\setup.exe**, click **OK**. (Change **D:** to match your CD/DVD ROM drive letter)
5. At the **Welcome to the PLX OXPCIe952 RS-232 Serial/Parallel PCIe Card Setup Wizard**, click **Install**.
6. At the **Completing the PLX OXPCIe952 RS-232 Serial/Parallel PCIe Card Setup Wizard**, select **Reboot now**, then click **Finish** to complete the installation.

To Verify Windows Installation

1. Check in Device Manager to verify installation.
For Windows 8 / 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**, click **Device Manager**.

For Windows Server 2008 / Server 2008 R2: Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.

2. Double click **Ports (COM & LPT)**, and a **PCI Express UART Port ...** should be displayed.

Changing Serial Port Number

Some serial port devices need a specific communication port in order to function properly. If your communication port device works, do not make any changes.

1. Right click **My Computer**, click **Manage**, then click **Device Manager**.
2. Double click **Ports (COM & LPT)**, double click the **PCI Express UART Port**.

3. Click the **Settings** tab.
4. Click the down arrow next to the **COM Port Number to Use** box. Select a communication port that is not in use, then click **OK**.
5. Restart your system to take effect.

Blank Page

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 analyst will promptly respond.

SIIG offers a 2-year manufacturer warranty with this product. This warranty covers the original purchaser and guarantees the product to be free of any defects in materials or workmanship for two (2) years from the date of purchase of the product. This warranty is not transferable and is available only to the original purchaser of the product.

SIIG will, at our discretion, repair or replace (with an identical product or product having similar features and functionality) the product if defective in materials or workmanship. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state. 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 from.

B) If your purchase has passed the store's return policy period, please follow the steps below to have the product repaired or replaced.

Step 1: Submit your RMA request.

Go to www.siig.com, click **Support**, then **REQUEST A PRODUCT REPLACEMENT** to submit a request to [SIIG RMA](#) or fax a request to 510-657-5962. 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 accessories that came with the original package must be included
- Include a copy of your original sales receipt inside the package with date of purchase and place of purchase circled and clearly visible
- 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 to SIIG. 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. SIIG products offer comprehensive user manuals, many user-friendly features, and are backed by an extensive manufacturer warranty. High quality control standards are evident by the overall ease of installation and compatibility of our products, as well as one of the lowest defective return rates in the industry. SIIG products can be found in computer retail stores, mail order catalogs, through major distributors, system integrators, and VARs in the Americas and the UK, and through e-commerce sites.

PRODUCT NAME

DP 1-Port RS232 Serial PCIe with 16950 UART

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

SIIG, Inc.

6078 Stewart Avenue

Fremont, CA 94538-3152, USA

Phone: 510-657-8688

DP 1-Port RS232 Serial PCIe with 16950 UART is a trademark of SIIG, Inc. SIIG and the SIIG logo are registered trademarks of SIIG, Inc. All other names used in this publication are for identification only and may be trademarks of their respective owners.

March, 2018

Copyright © 2018 by SIIG, Inc. All rights reserved.