DP CyberParallel PCIe Quick Installation Guide

Introducing the *DP CyberParallel PCIe*

The *DP CyberParallel PCIe* high-speed parallel adapter provides one additional parallel port to your PCI Express enabled system.

Features and Benefits

- Compliant with PCI Express Base Specification, Revision 1.1
- PCI Express 1-lane (x1) adapter works in any PCI Express slot
- Full support for Windows-based software
- Dual profile design to work with standard height and low profile chassis
- Supports ECP, EPP and SPP parallel port modes

System Requirements

- PCI Express enabled 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 CyberParallel PCIe* adapter
- Spare enhanced low-profile bracket
- Driver CD
- Quick installation guide
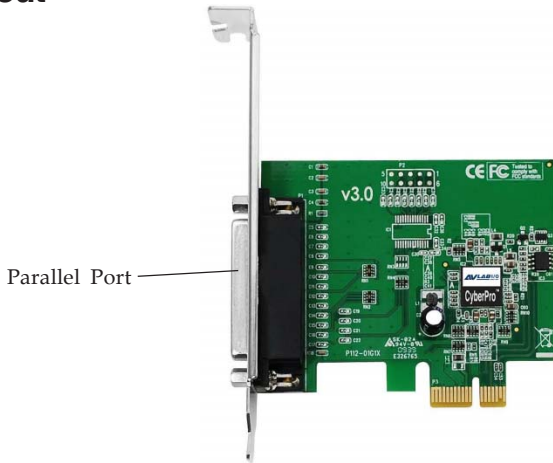
Layout

Parallel Port

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'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'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 PCI Express slot.

4. To install the card, carefully align the card's bus connector with the selected PCI Express 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, then replace the computer cover and reconnect the power cord.

Driver Installation

This section provides instructions to install the *DP CyberParallel PCIe* drivers.

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

1. Install the board and boot up Windows.

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

2. Right click **Computer**, click **Manage**, click **Device Manager**.

3. Insert the driver CD. Close the **AutoPlay** box if displayed. Right click **Base System Device**, click **Update Driver Software**.

4. Click **Browse my computer for driver software**.

5. Type **D:**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

6. At **Windows has successfully updated your driver software**, click **Close**.

7. Right click **PCI Parallel Port**, click **Update Driver Software**.

8. Repeat steps **4-6** to complete the installation.

Windows Vista (32-bit)

1. Install the board and boot up Windows.
2. At the **Found New Hardware** window, click **Locate and install driver software (recommended)**, then click **Continue**.
3. Click **I don't have the disk. Show me other options**.
4. Insert the driver CD. Click **Browse my computer for driver software**.
5. Type **D:\XP-later\32-bit**, then click **Next**. (Change **D**: to match your CD/DVD-ROM drive letter)
6. At **The software for this device has been successfully installed**, click **Close**.
7. Repeat steps **4-6** to complete the installation.

Windows Vista (64-bit)

1. Install the board and boot up Windows.
2. At the **Found New Hardware** window, insert the driver CD, click **Locate and install driver software (recommended)**, then click **Continue**.
3. Click **Don't search online**. Click **Next**.
4. Click **Close**.
5. Repeat steps **3-4** to complete the installation.

Windows XP (32-bit)

1. Install the board and boot up Windows.
2. At the **Found New Hardware Wizard**, select **No, not this time**, click **Next**. (Skip this step if not prompted)
3. Select **Install from a list or specific location**, then click **Next**.
4. Insert the driver CD. Select **Include this location in the search**, uncheck the other box, type **D:\XP-later\32-bit**, then click **Next**.

4

(Change **D:** to match your CD/DVD-ROM drive letter).

5. Click **Finish**.

6. Repeat steps **2-5** to complete the installation.

Windows XP (64-bit)

1. Install the board and boot up Windows.

2. At the **Found New Hardware Wizard**, select **No, not this time**, click **Next**. (Skip this step if not prompted)

3. Insert the driver CD, select **Install the software automatically (Recommended**, then click **Next**.

4. Click **Continue Anyway**, then click **Finish**.

5. Repeat steps **2-4** to complete the installation.

Windows Server 2003 (32-bit)

1. Install the board and boot up Windows.

2. At the **Found New Hardware Wizard**, select **No, not this time**, click **Next**. (Skip this step if not prompted)

3. Insert the driver CD. Select **Install the software automatically (Recommended**, click **Next**.

4. At the **Please select the best match for your hardware from the list below** window, select **SIIG CyberPro General Port 1.1.2.3 SIIG, Inc d:\xp-later\32-bit\siigpcieport.inf**.

5. Click **Next**, then click **Finish**.

6. Restart your system to complete the installation.

Windows Server 2003 (64-bit)

1. Install the board and boot up Windows.

2. At the **Found New Hardware Wizard,** insert the driver CD, select **No, not this time**, click **Next**.

3. Select **Install the software automatically (Recommended)**, then click **Next**.

4. Click **Continue Anyway**, then click **Finish**.

5. Repeat steps **2-4** to complete the installation.

Windows Server 2008 (32-bit)

1. Install the board and boot up Windows.

2. At the **Found New Hardware** window, click **Locate and install driver software (recommended)**.

3. Insert the driver CD.

4. Click **Don't search online**.

5. Click **I don't have the disc. Show me other options**.

6. Click **Browse my computer for driver software (advanced)**.

7. Type **D:**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

8. At the **Windows Security** windows, click **Install this drive anyway**.

9. Click **Close**.

10. Repeat steps **4-7**.

11. Click **Install this driver software anyway**.

12. Click **Close** to complete the installation.

Windows Server 2008 (64-bit)

1. Install the board and boot up Windows.

2. At the **Found New Hardware** window, click **Locate and install driver software (recommended)**.

3. Insert the driver CD.

4. Click **Don't search online**.

5. Click **I don't have the disc. Show me other options**.

6. Click **Browse my computer for driver software (advanced)**.

7. Type **D:**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter), click **Close**.

8. Repeat steps **4-6**.

9. Click **Close** to complete the installation.

Windows 2000

1. At the **Found New Hardware Wizard**, click **Next**.

2. Select **Search for a suitable driver for my device (recommended)**, then click **Next**.

3. Check **Specify a location**, uncheck the other options and click **Next**.

4. Insert the driver CD, type in **D:\2k**, then click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)

5. Click **Next**, then click **Finish**.

6. Repeat steps **1-5**.

7. Restart your system to complete the installation.

To Verify Windows Installation

1. Check in Device Manager to verify installation.

   For Windows 8 / 7 / XP / Server 2003 & 2008 R2 / 2000: 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 Server 2008: Right click **Computer**, click **Manage**, double click **Diagnostics**, then click **Device Manager**.

2. Double click **Ports (COM & LPT)**, and a **SIIG CyberPro Parallel Port ...** should be displayed.

Changing Parallel Port Number

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

1. Right click **My Computer**, click **Manage**, then click **Device Manager**.

2. Click on the **+** (plus sign) in front of **Ports (COM & LPT)**, double click the **SIIG CyberPro Parallel port**.

3. Click the **Port Settings** tab.

4. Click the down arrow next to the **LPT Port Number** box, then select a parallel port that is not in use.

5. Click **OK** to save the changes.