DP 1-Port ECP/EPP Parallel PCI
Quick Installation Guide

Introduction

The *DP 1-Port ECP/EPP Parallel PCI* is a high-speed parallel card that provides one additional parallel port to your system.

Key Features and Benefits

- Adds 1 ECP/EPP parallel port to your PCI based system
- Dual Profile design to work with standard height and low profile chassis
- Compliant with PCI Local Bus Specification, Revision 2.3
- Supports data transfer rate up to 1.5MB/s

System Requirements

- Pentium® or equivalent computer with an available PCI or PCI-X 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 / ME / 98SE / 98 / 95

Package Contents

- *DP 1-Port ECP/EPP Parallel PCI* board
- Spare enhanced low-profile bracket
- Driver CD
- Quick installation guide

Layout

Full profile bracket

Parallel Port
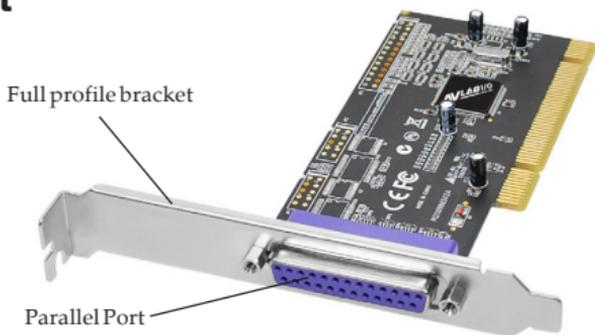
Figure 1: Layout

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 slot.

4. To install the card, carefully align the card's bus connector with the selected PCI 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 ECP/EPP Parallel PCI* drivers.

Windows 8 (32-/64-bit) / Windows 7 (32-/64-bit)

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

3. Insert the driver CD. Right click **PCI Parallel Port**, click **Update Driver Software**. Close the **AutoPlay** box if displayed.

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

5. *For 32-bit*: Type in **D:\32-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

   For 64-bit: Type in **D:\64-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

6. At **Windows has successfully updated your driver software**, click **Close** to complete the installation.

Windows Vista (32-/64-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.   *For 32-bit*: Type in **D:\32-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

   For 64-bit: Type in **D:\64-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** 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**, 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.

   For 32-bit: Type in **D:\32-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

> *For 64-bit*: Type in **D:\64-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

5.   Click **Finish** to complete the installation.

Windows Server 2008 (32-/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.   *For 32-bit*: Type in **D:\32-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

   For 64-bit: Type in **D:\64-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

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

Windows Server 2008 R2

1. Install the board and boot up Windows.

2. Right click **Computer**, click **Manage**, double **Diagnostics**, then click **Device Manager**.

3. Insert the driver CD. Right click **PCI Parallel Port**, click **Update Driver Software**. Close the **AutoPlay** box if displayed.

4. Click **Browse my computer for driver software**. Type in **D:\64-bit**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

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

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4. Insert the driver CD, type in **D:\2000**, then click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)

5. Click **Next**, 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. Click on the **+** (plus sign) in front of **Ports (COM & LPT)**, and a **PCI ECP Parallel Port...** should be displayed.

Windows ME

1. At the **Add New Hardware Wizard**, select **Specify the location of the driver (Advanced)**, click **Next**.
2. Check **Specify a location**, uncheck the other box, insert the driver CD, type in **D:\ME,** then click **Next.** (Change **D:** to match your CD/DVD-ROM drive letter)
3. Click **Next**, then **Finish**.
4. Click **Yes** to restart Windows to complete the installation.

Windows 98SE / 98

1. At the **Add New Hardware Wizard**, click **Next**.
2. Select **Search for the best driver for your device. (Recommended)**, then click **Next**.
3. Select **Specify a location**, uncheck the other boxes, insert the driver CD, type in **D:\9x**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)

4. Click **Next,** then **Finish**. If prompted, at the **Insert Disk** box click **OK**. Insert your Windows 98 Installation CD-ROM then click **OK**.

5. Click **Yes** to restart Windows to complete the installation.

Windows 95

1. At the **Update Device Driver Wizard**, click **Next**.

2. Insert the driver CD, and click **Other Locations**.

3. Type in **D:\9x**, click **OK**, then **Finish**. (Change **D:** to match your CD-ROM drive letter)

4. From the **Insert Disk** window, click **OK**. When the **Copying Files** dialog box appears, type in **D:\9x,** then click **OK**. (Change **D:** to match your CD/DVD-ROM drive letter)

5. Click **Yes** to restart Windows to complete the installation.

To Verify Windows ME / 98SE / 98 / 95 Installation

1. From the Windows desktop, double click **My Computer**, **Control Panel**, **System**, then click **Device Manager**.

2. Double click **Ports (COM & LPT)**, **M65-PCI ECP Parallel Port.....**should be displayed.

Changing Parallel Port Number

Windows 8 / 7 / Vista / XP / 2003 / 2008 / 2008 R2 / 2000

Some parallel port devices need a specific LPT in order to function properly. If your parallel port device works, do not make any changes. **Note**: this feature is not available in Windows ME / 98SE / 98 / 95.

1. Right click **Computer** or **My Computer**, click **Manage**, then click **Device Manager**.
2. Click on the **+** (plus sign) in front of **Ports (COM & LPT)**, double click the **PCI ECP 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.