

PCI Express Serial Port series

Quick Installation Guide

Introductions

The **PCI Express Serial Port series** includes the PCIe 1S, 2S and 4S cards. All of them provide high-speed serial I/O (RS232C) data transmission feature for various kinds of serial port devices on the latest PCI Express equipped PC.

1. Key Features and Benefits

- Compliant with one-lane (1X) 2.5Gb/s/direction PCI Express specification
- Reduces CPU load and improves system performance dramatically
- IRQ sharing feature eliminates IRQ conflicts
- Built-in FIFO buffers dramatically increase data transmit/receive speed, especially under Windows multitasking environment
- High-speed serial port (9-pin) works with 56K V.90 external modems, ISDN terminal adapters, PDAs and other serial port devices

2. System Requirements

- PCI Express-equipped PC with an available PCI Express slot
- Windows 2000/XP/Server 2003/Vista

3. 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.

Caution: Static Electricity Discharge may permanently damage your system. To avoid possible static electricity discharge during the installation, please follow the guidelines below:

- Discharge any static electricity build up in your body by touching a large grounded metal surface or the computer case (if plugged in), for a few seconds.
- During the installation, avoid any contact with internal parts. Handle cards only by their external edges.

3.1 Hardware Installation

1. Turn OFF the power to your computer and any other connected peripheral devices then unplug the power cord from the back of the computer.
2. Remove the computer's cover, select an available PCI Express slot.
3. Remove the slot bracket by unscrewing the holding screw and sliding it out. Save the screw for securing the board after it's installed. Follow the same procedure for the connector bracket.
4. To install the PCIe Serial Port card, carefully align the board's bus connector to the expansion slot on the motherboard. Push the board down firmly, but gently, until it is well seated.
5. Replace the slot bracket holding screw to secure the board to the rear slot panel then replace the computer cover and reconnect the power cord.
6. Restart the system and refer to the next section for the software installation.

3.2 Software Installation

3.2.1 Windows 2000 Driver Installation

1. After installing the board, boots up your system.
2. When **Found New Hardware Wizard** displays, click **Next**.
3. Check **Search for a suitable driver for my device [recommended]**, click **Next**.
4. Check **Specify a location**, click **Next**.
5. Insert the driver CD, type in **E:**, then click **OK**.
(Assume E: is your CD-ROM drive).
6. Click **Next**, when **Found New Hardware Wizard** displays, click **Finish**.
7. When **Found New Hardware Wizard** displays, click **Next**.
8. Check **Search for a suitable driver for my device [recommended]**, click **Next**.
9. Check **Specify a location**, click **Next**.
10. Type in **E:**, then click **OK**, click **Next**. When **PCI Express UART Port** displays, click **Finish**.
11. Restart your system to complete installation.

3.2.2 Windows XP 32bit Driver Installation

1. After installing the board, boots up your system.
2. At the **Found New Hardware Wizard**, select **No, not this time**, then click **Next**.
3. At the **Found New Hardware Wizard** window, check **Install from a list or specific location (Advanced)**, then click **Next**.

4. Insert the driver CD, check **Include this Location in the search**, uncheck the other boxes, type in **E:**, then click **Next**.
(Assume E: is your CD-ROM drive).
5. When **PCI Express Multipart Serial Adapter** displays then click **Finish**.
6. Restart your system to complete installation.

3.2.3 Windows XP 64 bit Driver Installation

1. After installing the board, boots up your system.
2. At the **Found New Hardware Wizard**, select **No, not this time**, then click **Next**.
3. At the **Found New Hardware Wizard** window, check **Install from a list or specific location (Advanced)**, then click **Next**.
4. Insert the driver CD, check **Include this Location in the search**, uncheck the other boxes, type in **E:\amd64**, then click **Next**.
(Assume E: is your CD-ROM drive).
5. When **PCI Express Multiport Serial Adapter** displays then click **Finish** to complete the driver installation.

3.2.4 Windows Server 2003 32 bit Driver Installation

1. After installing the board, boots up your system.
2. At the **Found New Hardware Wizard**, select **No, not this time**, then click **Next**.
3. At the **Found New Hardware Wizard** window, check **Install from a list or specific location (Advanced)**, then click **Next**.
4. Insert the driver CD, check **Include this Location in the search**, uncheck the other boxes, type in **E:**, then click **Next**.
(Assume E: is your CD-ROM drive).

5. When **PCI Express Multiport Serial Adapter** displays then click **Finish**.
6. Restart your system to complete installation.

3.2.5 Windows Server 2003 64 bit Driver Installation

1. After installing the board, boots up your system.
2. At the **Found New Hardware Wizard**, select **No, not this time**, then click **Next**.
3. At the **Found New Hardware Wizard** window, check **Install from a list or specific location (Advanced)**, then click **Next**.
4. Insert the driver CD, check **Include this Location in the search**, uncheck the other boxes, type in **E:\amd64**, then click **Next**. (Assume E: is your CD-ROM drive).
5. When **PCI Express Multiport Serial Adapter** displays then click **Finish** to complete the driver installation.

3.2.6 Windows Vista 32/64bit Driver Installation

1. After installing the board, boots up your system.
2. At the **Found New Hardware Wizard** window, click **Locate and install driver software (recommended)** to start the installation.
3. When **User Account Control** appears then click **Continue**.
4. Insert the driver CD and click the option **Yes, always search online (recommended)**.
5. Click **Next**, the system will auto search the CD of drivers then to install.
6. When **PCI Express Multiport Serial Adapter** appears then click **Close** to complete the driver installation.

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