



# CyberSerial Dual PCI Quick Installation Guide

---

## Introduction

---

The *CyberSerial Dual PCI* high-speed serial card provides two RS232 9-pin serial ports.

## Key Features and Benefits

- Universal PCI card design that works in 32-/64-bit 3.3V/5V PCI and PCI-X slots
- Provides 2 RS-232 serial ports
- Each serial port can be independently configured with 5V or 12V power output

## System Requirements

- Pentium or equivalent computer with an available PCI 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

- *CyberSerial Dual PCI* board
- 2x Jumpers
- Driver CD
- Quick installation guide

## Layout

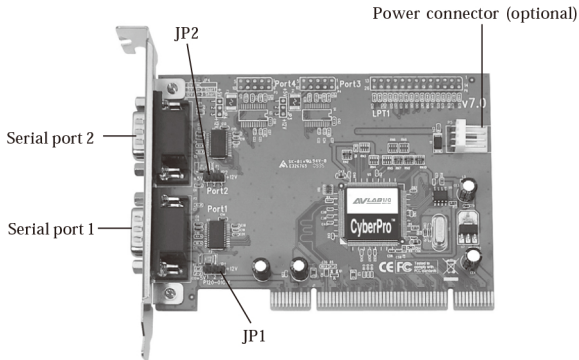


Figure 1: Board Layout

## Jumper Settings (JP1, JP2)

Open = 0 volts (default)

Short 1-2 = 5V

Short 2-3 = 12V

## **Power Connector (optional)**

Connects to the system's power supply. This connection is required when the serial port(s) are configured for 5V or 12V power.

**Note:** Most serial devices do not require additional power through the serial port. Refer to your serial device's manual for more information.

## **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.

1. Turn OFF the power to your computer and any other connected peripheral devices.

2. Unplug the power cord from the computer.
3. Remove the computer cover.
4. Remove the slot bracket from an available PCI slot.
5. 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.
6. Replace the slot bracket holding screw to secure the card.
7. Replace the computer cover and reconnect the power cord.

## **Driver Installation**

---

Please make sure the board is installed before proceeding with driver installation.

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

1. Install the board and boot up Windows.
2. Right click **Computer**, click **Manage**, click **Device Manager**.
3. Insert the driver CD. Right click **PCI 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 Serial Port**, click **Update Driver Software**.
8. Repeat steps 4-6.

**Note:** Windows 7 with internet connection enabled, will search Microsoft Update's driver database and install the drivers to complete the installation. Otherwise, continue with steps 9-12.

9. Right click the first listed **CyberSerial Communication Port**, click **Update Driver Software**.
10. Repeat steps 4-6.
11. Right click the remaining **CyberSerial Communication Port**, click **Update Driver Software**.
12. Repeat steps 4-6 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. Insert the driver CD.
4. Click **Don't search online**. (Skip this step if not prompted)
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 software for this device has been successfully installed**, click **Close**.
9. Repeat steps 4-8 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**, insert the driver CD.

3. Select **No**, not this time, click **Next**. (Skip this step if not prompted)
4. Select **Install the software automatically (Recommended)**, then click **Next**. (Skip this step if not prompted)
5. Click **Finish**. It may take several minutes for this step to appear. Do not interrupt the process during this time.
6. Repeat steps 3-5 two times to complete the installation.

## **Windows Server 2008 (32-/64-bit)**

1. Install the board and boot up Windows.
2. At the **Found New Hardware Wizard**, click **Locate and install driver software (recommended)**.
3. Click **Continue**. (Skip this step if not prompted)
4. Insert the driver CD.
5. Click **Don't search online**. (Skip this step if not prompted)
6. Click **I don't have the disc. Show me other options**. (Skip this step if not prompted)

7. Click **Browse my computer for driver software (advanced)**. (Skip this step if not prompted)
8. Type **D:**, then click **Next**. (Change **D:** to match your CD/DVD-ROM drive letter)
9. At **The software for this device has been successfully installed**, click **Close**.
10. Repeat steps 5-9 to complete the installation.

## **Windows Server 2008 R2**

1. Install the board and boot up Windows.
2. Right click **Computer**, click **Manage**, click **Device Manager**.
3. Insert the driver CD. Right click **PCI 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 Serial Port**, click **Update Driver Software**.

8. Repeat steps 4-6.
9. Right click the first listed **CyberSerial Communication Port**, click **Update Driver Software**.
10. Repeat steps 4-6.
11. Right click the remaining **CyberSerial Communication Port**, click **Update Driver Software**.
12. Repeat steps 4-6.
13. The board is ready for use.

## **Windows 2000**

1. At the **Found New Hardware Wizard**, click **Next**.
2. Insert the driver CD.
3. Select **Search for a suitable driver for my device (recommended)**, and click **Next**.
4. Select **CD-ROM drives**, uncheck the other boxes, and click **Next**.
5. Click **Next**, then click **Finish**.
6. Repeat steps 1-5 two times.
7. Restart Windows to complete installation.

# To Verify Windows 8 / 7 / Vista / XP / Server 2003 & 2008 / 2008 R2 / 2000 Installation

1. Check in Device Manager to verify installation.

For Windows 8 / 7 / Server 2008 R2: Right click **Computer**, click **Manage**, then click **Device Manager**.

For Windows Vista: Right click **Computer**, click **Manage**, click **Continue**, then click **Device Manager**.

For XP / Server 2003 / 2000: Right click **My Computer**, click **Manage**, click **Device Manager**.

For Server 2008: Right click **Computer**, click **Manage**, double click **Diagnostics**, click **Device Manager**.

2. Click on the + (plus sign) in front of **Ports (COM & LPT), CyberSerial ... 16Cxxx ...** should be displayed.
3. Double click **Multifunction adapters, SIIG CyberPro 2S board** should be displayed.

## **Windows ME**

1. At the **Add New Hardware Wizard**, choose **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:\9x**, then click **Next**. (Change **D:** to match your CD-ROM drive letter)
3. Click **Next** and **Finish**.
4. Repeat steps 1-3.
5. 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-ROM drive letter)
4. Click **Next**, then **Finish**.

5. Repeat steps 1-4.
6. 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**. Type in **D:\9x**, click **OK**, then **Finish**. (Change **D:** to match your CD-ROM drive letter)
3. 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-ROM drive letter)
4. Repeat steps 1-3.
5. Restart to complete the installation.

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

1. From the main desktop, right click **My Computer**, click **Properties**, then click **Device Manager**.



2. Double click **Ports (COM & LPT)**, **CyberSerial...** 16Cxxx... should be displayed.
3. Double click **Multi-function adapters**, **SIIG CyberPro 2S PCI board** should be displayed.

## **Changing COM Port Address**

Some serial devices need a specific COM port in order to work. If your serial device works properly, do not change this setting.

### **Windows 8 / 7 / Vista / XP / Server 2003 & 2008 / 2008 R2 / 2000**

1. From the **Device Manager** window double click **Ports (COM & LPT)**, then double click **CyberSerial...** port you want to change.
2. Click **Settings** tab and click **Advanced**.
3. Click the down arrow next to the **COM Port number** box, select a COM port that is not in use. Click **OK**.
4. Click **OK** again, then close **Device Manager** to save the changes.

## **Windows ME / 98SE / 98 / 95**

1. From the **Device Manager** window double click **Ports (COM & LPT)**, then double click the **CyberSerial PCI** serial port you want to change.
2. Click **Settings** tab, click the down arrow next to **Port Name**, select a COM address not currently in use.
3. Click **OK**, then close **Device Manager** to save the changes.