

USB 2.0 2+1 Port PCI

Quick Installation Guide

1-1 Introduction

This **USB 2.0 2+1 Port PCI card** provides three high-speed USB 2.0 (two external and one internal) ports to your system at once and works with all types of USB 2.0/1.1 devices including hubs, portable drives, PC video cameras, digital cameras, CD-R/RW drives, DVD-ROM drives, scanners, printers, memory card readers/writers, and more.

1-2 Key Features & Benefits

- Compliant with PCI Plug-n-Play 2.2
- Compliant with USB specifications revision 2.0
- Supports 480 Mbps, 12 Mbps and 1.5 Mbps data transfer rates and simultaneous operation of multiple high-speed USB 2.0 and USB 1.1 devices
- Users friendly hot-swapping feature allows you to attach/detach USB devices without turning your system off
- Build-in 5-pin extensible USB 2.0 connector for various application, like front access USB 2.0 port or USB-to-RS232 adapter
- Works with all kinds of USB2.0/ USB 1.1 devices including hubs, portable drives, PC video cameras, digital cameras, CD-R/RW drives, DVD- ROM drives, printers, memory card readers/writers, and more.

Note: USB 1.1 devices are limited to USB 1.1 speeds even when they are connected to USB 2.0 host adapter or USB 2.0 hubs.

1-3 System Requirements

- Pentium or equivalent PC computer with one available PCI slot
- Windows 98SE/ME/2000/XP

1-4 Product Image and Pin Assignment

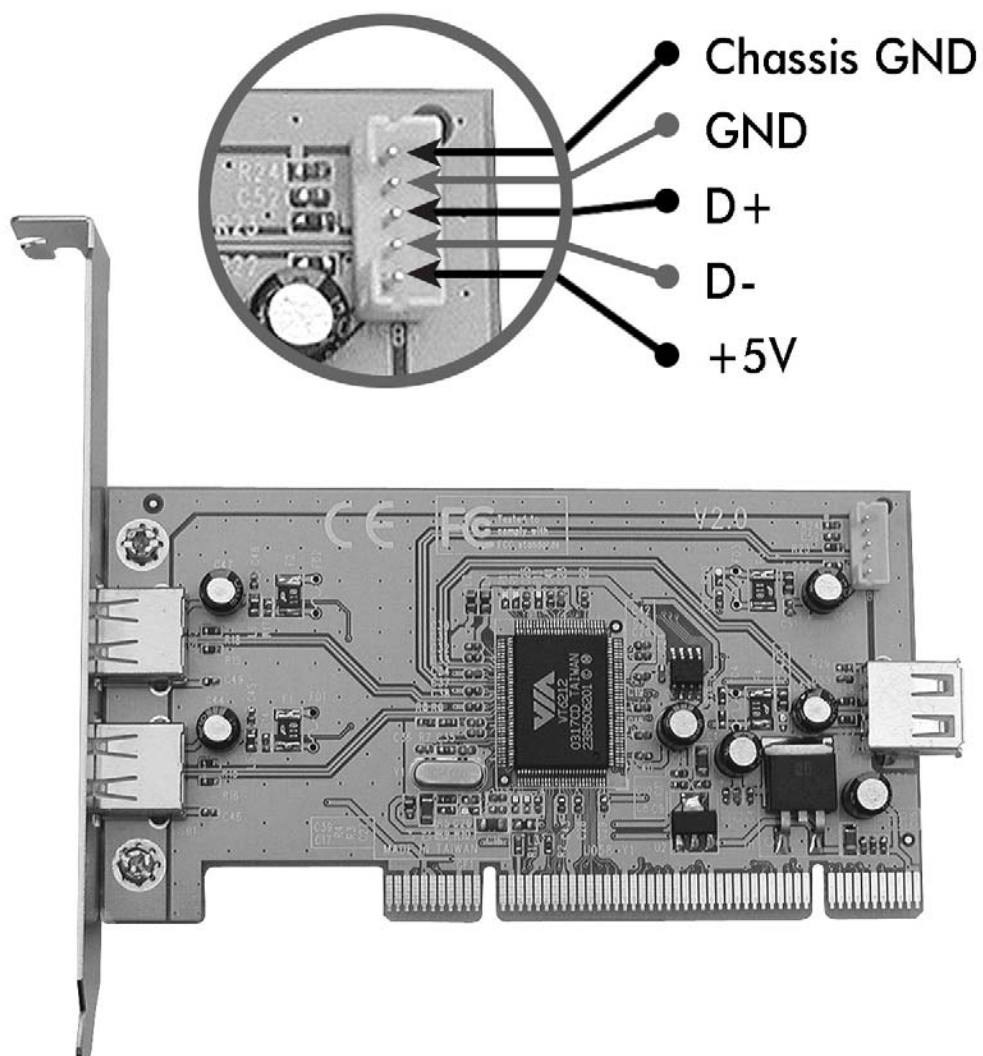


Fig 1 USB 2.0 2+1 Port PCI image and the pin assignment of extensible USB 2.0 connector

2-1 Static Electricity Precaution

One of the routine precautions you must be aware of when working with computer components is the problem of static electricity discharge.

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

2-2 Hardware Installation

1. Turn off the power of your computer and any other connected peripheral devices.
2. Unplug the power cord from the back of the computer.
3. Remove your computer's 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. Close the cover of your computer and plug the power back to your computer.

2-3 Driver Installation

2-3.1 Windows 98SE Driver Installation

1. After installing the board, boots up your system.
2. When **Add New Hardware Wizard** displays **VIA Tech 3038 PCI to USB Universal Host Controller**, click **Next, Next, Next, Next, Next**.
3. Insert Windows 98SE CD into CD-ROM drive, then click **OK, Finish**.
4. Please repeat step 2 again.
5. When **Add New Hardware Wizard** displays **PCI Universal Serial Bus**, click **Cancel**.
6. When **insert Disk** displays **ich5usb.cat**, click **Skip File, Skip File**.
7. Remove Windows 98SE CD and insert the driver CD into CD-ROM drive.
8. Double click **E:\SETUP.EXE**. (Assume E:\ is your CD-ROM drive)
9. When **Welcome** displays, click **Next**, check **Install USB 2.0 Driver**, then click **Next**, check **Yes, I want to restart my computer new**, then click **Finish**.
10. When **Add New Hardware Wizard** displays **VIA PCI to USB Enhanced Host Controller**, click **Next, Next, Next, Next**, then **Finish**.
11. Remove the driver CD and installation is then completed.

2-3.2 Windows ME Driver Installation

1. After installing the board, boots up your system.
2. When **system settings change** displays, then click **No**.
3. Insert the driver CD into CD-ROM drive.
4. Double click E:\SETUP.EXE. (Assume E:\ is your CD-ROM drive)
5. When **Welcome** displays, click **Next**, check **Install USB 2.0 Driver**, then click **Next**, check **Yes, I want to restart my computer new**, then click **Finish**.
6. When **system settings change** displays again, click **Yes** and restart your system. Driver installation is then completed.

2-3.3 Windows 2000 (SP3 or before) Driver Installation

1. After installing the board, boots up your system.
2. When **Found New Hardware Wizard** displays, click **Cancel**.
7. Insert the driver CD into CD-ROM drive.
3. Double click E:\SETUP.EXE. (Assume E:\ is your CD-ROM drive)
4. When **Software License Agreement** displays, click **Yes**. Check **Install USB 2.0 Driver** then click **Next**.
5. When **Question** displays **Warning** message, click **Yes, Yes, Yes**, then click **OK**.
6. When **Print End User Legal Agreement** displays, click the image icon beside **Print to File**.
7. When **Information** dialog pop out, click **OK** to complete the installation and system will restart automatically.
8. Remove the driver CD from your CD-ROM drive.

2-3.4 Windows 2000 (SP4 or later) Driver Installation

1. After installing the board, boots up your system.
2. Windows 2000 SP4 will automatically detect and install the VIA USB 2.0 driver.

2-3.5 Windows XP (SP1 or later) Driver Installation

1. First update the system to Windows XP SP1.
2. After installing the board, boots up your system.
3. Windows XP SP1 will automatically detect and install the VIA USB 2.0 driver.

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