

USB 2.0 PCI Host Adaptor

User Manual

Ver. 1.01



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Overview

USB 2.0 is the fastest USB standard ever. It supports data transfer rate up to 480Mbps, 40 times faster than USB 1.1, even faster than IEEE1394. It makes USB 2.0 ideal for external storage devices, scanners, CD-RWs and much more. Moreover, it is fully backward compatible with current USB 1.1 devices. You can instantly take advantage from the thousands of USB 1.1 products. USB 2.0 is the trend of today's peripherals. Come and join it now!

Features

- Chipset: Via VT6202 PCI USB 2.0 4-Port Host Controller
- Compliant to 32-bit 33MHz PCI Bus
- Compliant to Universal Serial Bus (USB) Specification Revision 2.0
- Compliant to Universal Host Controller Interface (UHCI) Specification Revision 1.1
- Compliant to Intel's® Enhanced Host Controller Interface (EHCI) Specification Revision 0.95
- Supports PCI-Bus Power Management Interface Specification release 1.1
- PCI multi-function device consists of two UHCI Host Controller cores for full/low speed signaling and one EHCI Host Controller core for high speed signaling
- Root hub comprises 4 downstream facing ports with integrated physical layer transceivers shared by UHCI and EHCI Host Controllers
- Data Transfer Rate: USB 1.1 OHCI 1.5Mbps, 12Mbps
USB 2.0 EHCI 480Mbps
- Supports up to 127 devices
- Supports devices hot swap and wake-up
- Supports 4 external Type A USB ports
- Output current per port = 500mA (max)
- Supports Windows 98, Windows 98SE, Windows ME, Windows 2000 & Windows XP

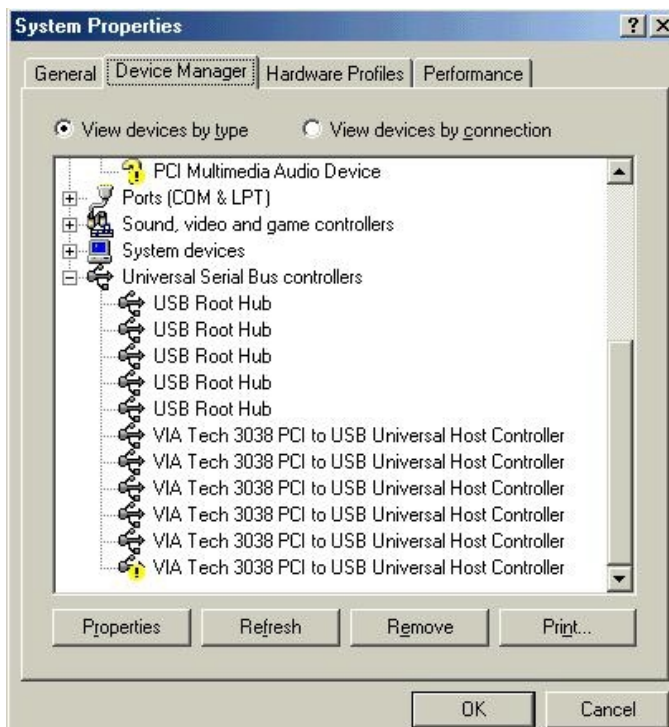
DRIVER LIMITATIONS

Current limitations of the driver are: Composite devices and Hi-Speed Isochronous Transfers are currently not supported.

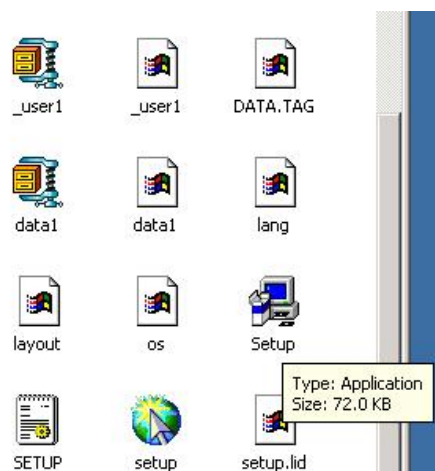
Driver Installation

Windows98/98SE/ME

1. Make sure the USB 2.0 PCI Host Adapter has been installed on your system correctly. Open the Device Manager and check if there is a yellow exclamation mark on one of the “VIA Tech 3038 PCI to USB Universal Host Controller” item.



2. Insert the “Windows 98/ME/Win2K/WinXP USB 2.0 Driver Installation Diskette” into the floppy drive and run the setup program by double clicking on the “setup.exe” file in this diskette.



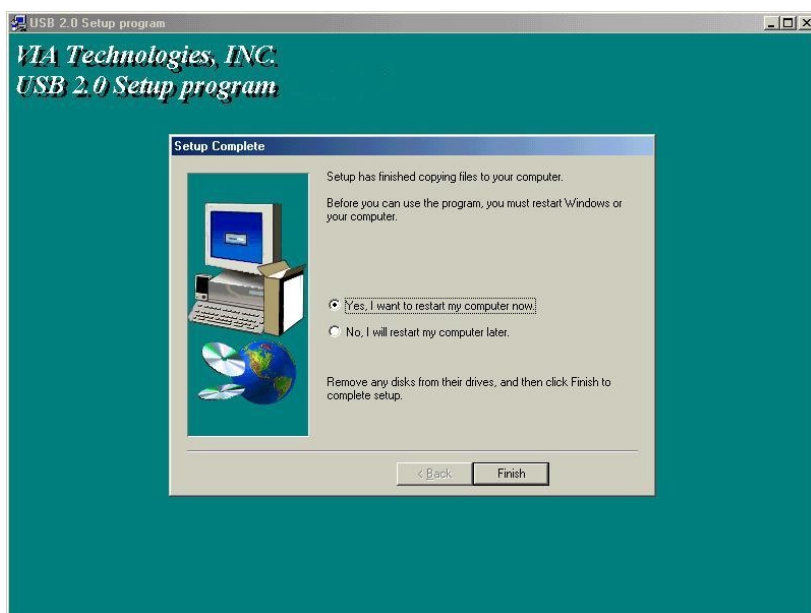
3. Click **Next**.



4. Select “Install USB 2.0 Driver” and press **Next**.



5. Click **Finish** to restart the computer.

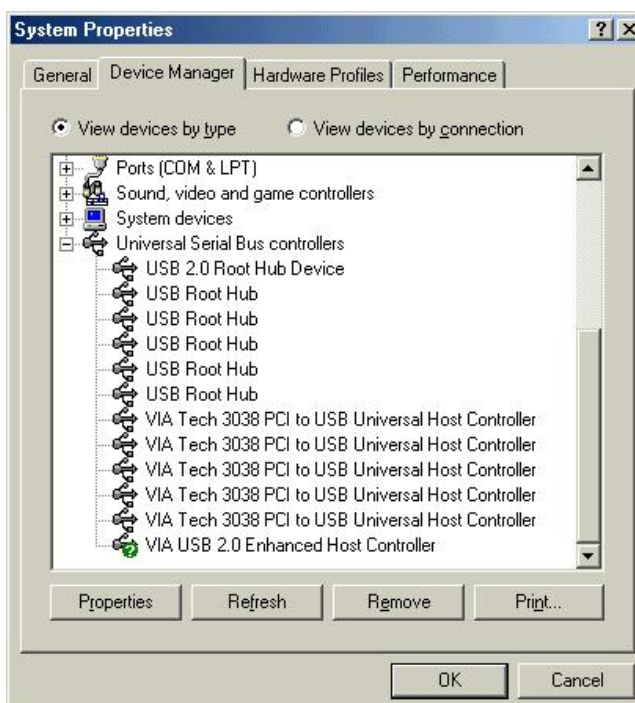


6. After restarting your system, please check if your device works.

Note:

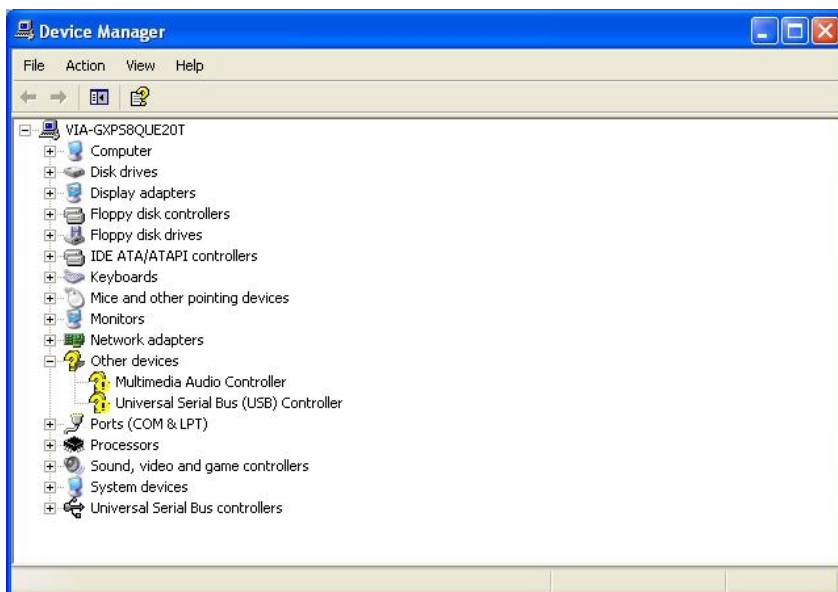
It there is a yellow exclamation mark on “VIA USB 2.0 Enhanced Host Controller” or “USB 2.0 Root Hub Device”, please remove this item from the “Device Manager” by clicking the **Uninstall** button and click **Refresh** to re-install this driver again.

The green question mark on “VIA USB 2.0 Enhanced Host Controller” item is not an error message. Please ignore it.

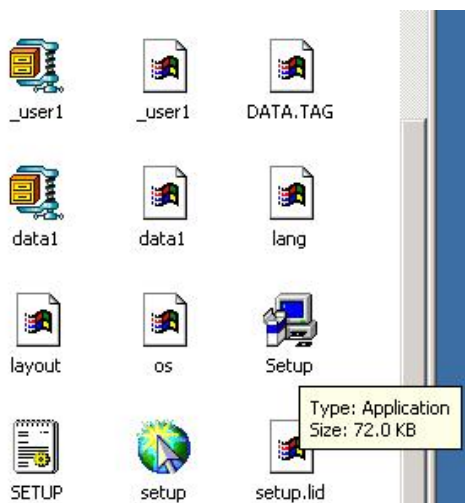


Windows XP

1. Make sure the USB 2.0 PCI Host Adapter has been installed on your system correctly. Open the Device Manager and check if there is a “Universal Serial Bus (USB) Controller” in “Other devices”.



2. Insert the “Windows 98/ME/Win2K/WinXP USB 2.0 Driver Installation Diskette” into the floppy drive and run the setup program by double clicking on the “setup.exe” file in this diskette.



3. Click **Next**.



4. Select “Install USB 2.0 Driver” and press **Next**.



5. Click **Continue Anyway**.



6. Press **Next**.



7. Click **Continue Anyway**.



8. Copy drivers for USB 2.0 Root Hub Device.



9. Click **Finish**.



10. Click **Finish**.



11. Start “Device Manager” and check if your device works properly.

Note:

It there is a yellow exclamation mark on “VIA USB 2.0 Enhanced Host Controller” or “USB 2.0 Root Hub Device”, please remove this item from the “Device Manager” by clicking the **Uninstall** button and click **Refresh** to re-install this driver again.

