

LINDY®

COMPUTER CONNECTION TECHNOLOGY

USB 2.0 Host Adaptor

User's Manual

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1. Introduction

The *USB 2.0 4+1 port / 2+1 port PCI* adds extra external and extra internal high-speed USB 2.0 ports to your system. It supports high-speed (480Mbps), full-speed (12Mbps), and low-speed (1.5 Mbps) data transfer modes.

High-speed USB 2.0 and USB 1.1 backward support enable this host adapter to work with all types of USB devices including hubs, digital cameras, PC video cameras, scanners, joysticks and more.

2. Key Features and Benefits

- Compliant with USB specifications revision 2.0
- Confirms to PCI Specification, Version 2.2
- Optional USB 2.0 EHCI driver for high-speed 480Mbps futures.
- Supports simultaneous operation of multiple high-speed USB 2.0 and USB 1.1 devices.
- Users friendly hot-swapping feature allows you to attach/ remove USB devices without turning your system off
- Supports 480 Mbps, 12 Mbps and 1.5 Mbps data transfer modes
- Works with a variety of USB2.0/ USB 1.1 devices including hubs, data storage devices, PC video cameras, digital cameras, CD-R/ RWs, DVD-RAMs, scanners, printers, memory card readers (CF / SM/ SD/ MMC/ Memory Stick), 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.

3. Hardware Installation

General instructions for installing the card are provided below. Refer to your computer's reference manual for further information, if needed.

1. Turn OFF the power to your computer.
2. Unplug the power cord and remove your computer's cover.
3. Remove the slot bracket from an available PCI slot.
4. Carefully align the card to the selected PCI slot and 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.

4. Driver Installation

IMPORTANT:

Optional USB 2.0 EHCI driver for Windows 98/ 98SE/ ME/ 2000. While installing this driver, Then this adapter can fully support various types of USB 2.0 / 1.1 / 1.0 devices. Please follow instructions below to install this adapter with your Windows OS.

4.1 Windows 98/98 SE Driver Installation (Optional USB 2.0 driver)

1. **New Hardware Found** will display when Windows 98 boots.
2. At the **Add New Hardware Wizard**, click **Next**.
3. Choose **Search for the best driver for your device**, insert **Optional USB 2.0 driver disk into A drive**, and click **Next**.
4. Select **Floppy disk**, click **Next**, **Next**, and **Finish**.

4.2 Windows ME Driver Installation (Optional USB 2.0 driver)

1. Windows ME will automatically load USB 1.1 functions for this controller.
2. At the **Add New Hardware Wizard**, choose **Automatic search for a better driver (recommended)** and click **Next**.
3. Insert **Optional USB 2.0 driver disk into A drive**, and click **Next**.
4. Select "**NEC PCI to USB Enhanced Host Controller**", click **NEXT**, then **Finish**.

4.3 Windows 2000 Driver Installation (Optional USB 2.0 driver)

1. Windows 2000 will automatically load USB 1.1 functions for this controller.
2. When system "**Found New hardware Wizard**", Insert **Optional USB 2.0 driver disk into A drive**, click **Next**.
3. System will automatically installing "**NEC PCI to USB Enhanced Host Controller**"