



**USB 2.0, 4+1 Port
PCI Add-On card**



**User Manual
(DS-33220)**

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Features and Benefits

- Compliant with USB specification revision 2.0
- Hot-swapping feature allows you to connect/disconnect devices without first turning system off
- Supports high-speed (480Mbps), full-speed (12Mbps), and low-speed(1.5Mbps) data transfer modes for simultaneous operation of multiple USB 2.0/1.1 devices
- Works with a various type of USB devices including hubs, removable drives, digital cameras, scanner, CD-RWs, DVD-ROMs, PC video cameras, printers, and more...

System Requirements

- Windows 7, Vista, XP and 2000
- Available PCI slot

Hardware Installation

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. To install the card, carefully align the card's bus connector with the selected PCI slot on the motherboard. Push the board down firmly.
5. Replace the slot bracket's holding screw to secure the card.
6. Replace the computer cover and reconnect the power cord.

Driver Installation

For Windows® XP/2000

Windows® 2000/XP will automatically detect and install the correct driver for the PCI NEC USB 2.0 Card.

However, please ensure you have the latest Service Pack Installed.

For Windows® XP

- **Windows® XP Service Pack 1 or later**

For Windows® 2000

- **Windows® 2000 Service Pack 4 or later**

For Windows® Server 2003/Vista

Windows® Server 2003/Vista has built-in driver support for this controller. Just install the board and Windows will automatically detect and install the correct drivers for it. No additional driver is necessary.

To Verify Windows Installation

1. Right click **My Computer**, then click **Manage**. Click **Device Manager**.
2. Double click **Universal Serial Bus controllers** option.
 - **NEC PCI to USB Open Host Controller**
 - **NEC PCI to USB Open Host Controller**
 - **Standard Enhanced PCI to USB Host Controller**
 - **USB Root Hub**
(**USB 2.0 Root Hub** in Windows® 2000)
 - **USB Root Hub**
 - **USB Root Hub**