



# USB 2.0, 4-PORT CARDBUS ADD-ON CARD



**User Manual  
DS-32220-1**

## ***Features and Benefits***

- Fully supports EHCI and OHCI Compliant standards
- Compliant with Universal Serial Bus specification revision 2.0
- Provides four external Type A USB 2.0 (480Mbps) ports into your system
- Supports simultaneous operation of multiple USB 2.0 and USB 1.1 devices
- Supports data transfer rates of high-speed (480Mbps), full-speed (12Mbps), and low-speed (1.5Mbps)
- Works with a various type of USB devices including hubs, removable drives, digital cameras, scanner, CD-RWs, PC video cameras, printers, and more...

## ***Package Contents***

- 1 x USB2.0 4-port Cardbus Adapter
- 1 x User Manual

## ***System Requirements***

- Windows<sup>®</sup> 2000/ XP / Vista / Windows 7
- Available Cardbus type 2 Slot

## **CAUTION:**

Use only switching power adapter with following specifications:

- Switching power adapter (Optional) DC 5V, 2A  
Polarity: Outside negative voltage(-) & Inside positive voltage(+)  
3.5mm power jack



## ***Hardware Installation***

General instructions for installing the card are provided below. Since the design of system may vary, refer to your system's reference manual for further information, if needed.

1. Power off your notebook computer.
2. Insert the USB 2.0 CardBus Adapter into the Type II PC Card slot of your notebook computer. Make sure it is inserted all the way in for a solid connection.
3. Power on your notebook computer.

## ***Driver Installation***

### **For Windows<sup>®</sup> 2000 / XP / Vista / Windows 7**

Windows<sup>®</sup> 2000 / XP / Vista / Windows 7 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<sup>®</sup> Installation***

1. Right click **My Computer**, then click **Manage**. Click **Device Manager**.
2. Double click **Universal Serial Bus controllers** option.
  - **USB Root Hub** (**USB 2.0 Root Hub** in Windows<sup>®</sup> 2000)
  - **USB Root Hub**
  - **USB Root Hub**
  - VIA Rev 5 or later USB Universal Host Controller  
(VIA USB Universal Host Controller in Windows<sup>®</sup> 2000)
  - VIA Rev 5 or later USB Universal Host Controller  
(VIA USB Universal Host Controller in Windows<sup>®</sup> 2000)
  - VIA USB Enhanced Host Controller.