

ALLEGRO™ USB 2.0

HIGH-SPEED USB 2.0 PCI ADAPTER CARD

Quick Start Guide for Allegro USB 2.0

Compatibility

At this printing, the Allegro USB 2.0 may be used with any Mac® or Windows® computer with an available PCI slot that meets the following requirements:

- **Macintosh Computer Requirements:**

Power Macintosh® G3 Blue & White, Power Mac® G4 (all models except Cube) or Power Mac G5 (with PCI or PCI-X slots) computer running Mac OS® OS X Version 10.3–10.5.

- **PC Requirements:**

IBM PC/AT or compatible desktop computer with Pentium® II (or equivalent) or better running Windows XP with SP1 installed, Windows Vista, or Windows 7.

You Should Have

The following item should be included in your product package:

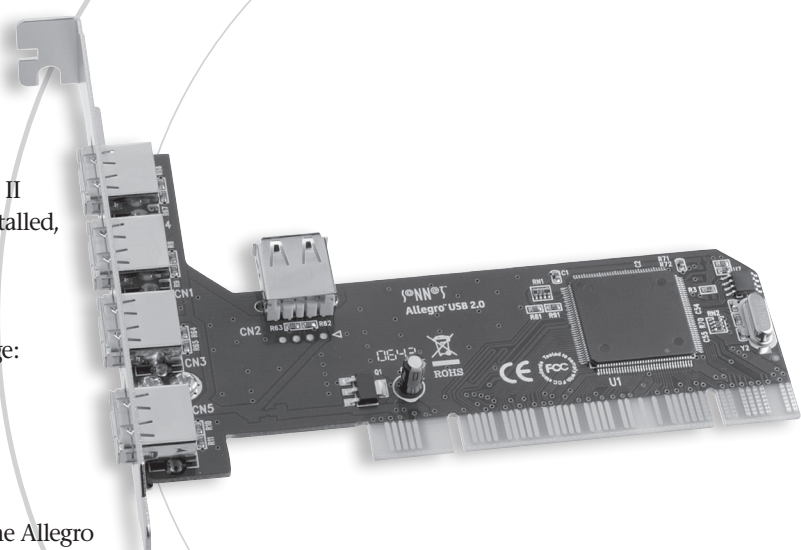
- One Allegro USB 2.0 PCI adapter card

The following item is required for installation

- Medium Phillips screwdriver

You may need the following items to connect peripherals to the Allegro card:

- One or more USB cables (sold separately)
- One or more USB 2.0 hubs (sold separately)
- One or more high-speed USB 2.0 hubs (sold separately)



Support Notes: We recommend you make a backup of important information on your system's current hard drive(s) prior to installing new hardware or software.

When handling computer products, you must take care to prevent components from being damaged by static electricity. Before opening your computer or removing parts from their packages, always ground yourself first by touching a metal part of the computer, such as a port access cover, and work in an area free of static electricity; avoid carpeted areas. Handle all electronic components by their edges, and avoid touching connector traces and component pins.

Installation Steps for the Allegro USB 2.0

Hardware Installation Preparation

Sonnet strongly recommends that you read the section in your computer's user manual that address PCI card installation, prior to installing the Allegro USB 2.0 card.

Allegro USB 2.0 Card Installation Steps

1. Shut down your computer.
2. Open your computer to access the expansion card area (PCI slots); refer to your computer's user manual for specific information.
3. Locate an available PCI slot inside your computer and remove its access cover, if present.
4. Remove the Allegro USB 2.0 card from its packaging.
5. Install the Allegro USB 2.0 into the PCI slot; **make sure the card is firmly seated and secured.**
6. Close your computer and carefully replace its cover.

USB Driver Information—Mac OS X Version 10.3–10.5

The drivers that enable the Allegro USB 2.0 to support USB 2.0 high-speed devices are installed automatically when you install Mac OS X Version 10.3–10.5; the Allegro card is ready to use when you power on your computer.

USB 2.0 Driver Information—Windows

The drivers that enable the Allegro USB 2.0 to operate in your system and support high-speed USB devices are installed automatically during the first startup after you install the card. During the first startup, a *Found New Hardware* popup will appear, and information regarding the process of identifying the card, searching for and installing the appropriate software will appear. Finally, the message "Your new hardware is installed and ready to use" will be displayed, and then the popup will disappear.

Using Devices with the Allegro USB 2.0 Card

Known Issues and Advice

There are some limitations you should be aware of when using USB devices, and we have listed additional advice here. Refer to the peripheral manufacturers' web sites and user's guides for more specific information.

- **Many peripherals require additional drivers and application software to operate or have full functionality.** Software should be included with the device, or available to download from the manufacturer's web site. Check the peripheral's user's manual for information about necessary software.
- *Mac Users:* Always unmount a drive from the desktop ("eject" it or drag it to the trash) before disconnecting it from its cable or the Allegro USB 2.0 card.
- *Windows Users:* Always "stop", "unplug", or "eject" any drive or storage device before disconnecting it from its cable or the Allegro USB 2.0 card.
- Disconnecting USB peripherals (including external storage devices, cameras, memory card readers, printers, etc.) while they are transferring or receiving data, may result in damage to the file(s) being transferred, or cause your system to hang.
- Remember to connect external power supplies to the peripherals that require them. Although many peripherals may draw power directly from the Allegro USB 2.0 card, other devices require an external power source.
- When a high-speed USB 2.0 peripheral is connected to a USB 1.1 peripheral, which is in turn connected directly to the Allegro USB 2.0, the USB 2.0 peripheral will operate at USB 1.1 speeds. Keep USB 2.0 and USB 1.1 devices connected separately.
- Should you need to connect USB 2.0 peripherals to a hub, be sure to use a high-speed USB 2.0 hub; USB 2.0 peripherals connected to a standard USB hub will operate at USB 1.1 speed.