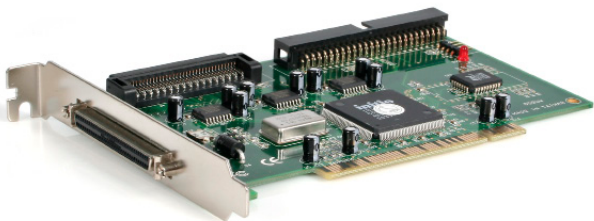# StarTech.com

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1 Port PCI Ultra Wide SCSI Controller Card

PCISCSIUW

DE: Bedienungsanleitung - de.startech.com
FR: Guide de l'utilisateur - fr.startech.com
ES: Guía del usuario - es.startech.com
IT: Guida per l'uso - it.startech.com
NL: Gebruiksaanwijzing - nl.startech.com
PT: Guia do usuário - pt.startech.com

For the most up-to-date information, please visit: www.startech.com

Manual Revision: 08/29/2012

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

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Table of Contents

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Introduction

Thank you for purchasing a StarTech.com Ultra Wide SCSI host adapter card. This reliable 40 MBytes/sec synchronous PCI card can control up to fifteen Wide SCSI devices like hard drives, CD-ROMs, CD-RWs, scanners and removable media devices. The dedicated on-board processor provides high-speed single-ended SCSI bus transfers at up to 40 MBytes/sec. The card also comes with a 50 and 68-pin ribbon cables so that you can start attaching your internal Wide SCSI peripherals right away.

Features

- Supports up to fifteen Wide SCSI devices
- Transfers data at 40 MBytes/sec
- Includes on-board automatic SCSI termination
- Backed by StarTech.com's 2 year warranty and free lifetime technical support

Before You Begin

WARNING! PCI cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI card by its edges and not the gold connectors.

System Requirements

- An IBM-compatible computer running Windows Vista (32-bit)/Server 2003/XP/2000, NetWare
- An available 32-bit 5V PCI slot

Contents

This package should contain:

- 1 x PCI SCSI card
- 1 x 68-pin (half pitch) internal SCSI cable
- 1 x 50-pin internal SCSI cable
- 1 x Driver Installation Disk
- 1 x Instuction Manual

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Installation

This section will guide you through the installation of your PCI card and the related software. Please read through the instructions carefully and complete each step in the order listed.

Installing the Card

1. Make sure that your system is unplugged and you are grounded.

2. Remove the cover of your system (see your computer's user manual for details, if necessary) and gently turn your computer onto its side.

3. Locate an empty PCI slot (usually white in colour) and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step. Retain the screw! You will need it to secure the card later.

4. Gently insert the card into the empty slot, making sure it is firmly seated.

5. Secure the card in place using the screw you removed in Step 3.

6. Physically install your SCSI devices into your case, following the instructions in their documentation. If you need more information about connecting and terminating your devices on the SCSI card, please see the next subsection, "Connecting and Terminating Your SCSI Devices" below before closing the case. Otherwise, connect the data cables to both the card and your devices(s) as needed, and complete step 7.

7. Put your computer case back on.
   NOTE: You may also wish to use the card's integrated SCSI BIOS utility to view and configure SCSI devices attached to the card. You can access this utility by following the on-screen instructions at boot-up.

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Connecting and Terminating Your SCSI Devices

1. Connect one end of your internal SCSI ribbon cable (either 50-pin, 68-pin, or both, depending on the devices you need to connect) to your SCSI card, making sure that the red stripe faces pin 1. The connector that is furthest away from the other connectors should be connected to the card.
   NOTE: The cable connectors have been formed so that it is difficult to connect the devices in an improper fashion.

2. Connect the SCSI cable to your SCSI device, again making sure that the red stripe faces pin 1.

3. Repeat step 2 for any other SCSI devices you wish to attach at this time.

4. When you have connected all your devices, you must make sure that both the internal and external chains of the SCSI bus are terminated. Most SCSI peripherals will come with their own terminators. Follow the instructions in the peripheral's user guide to terminate the SCSI chain.
   NOTE: StarTech.com offers a wide range of internal and external SCSI cables and terminators to suit your needs. Refer to the "Accessory Products from StarTech.com" section of this manual or visit www.startech.com for more information.

Installing the Drivers

Windows 2000/XP

1. On startup, Windows will detect that new hardware has been installed and launch the Add NewHardware Wizard. Click Next and choose the Search for the best driver for you device (recommended) (or Search for a suitable driver.. if using Windows 2000/XP) option. Click Next.

2. Uncheck all boxes on this screen and click Next.

3. The Wizard will inform you that "Windows is now ready to install the best driver for this device..." Click Next. The Wizard will complete the installation. Click Finish.

4. Restart the computer if prompted.

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Verifying Your Installation

Windows 2000/XP/Server 2003

1. Go to Start > Settings > Control Panel.

2. Double click System.

3. Click the Hardware tab and choose Device Manager.

4. If the card does <u>not</u> appear with a red x or yellow exclamation point (!) next to it, Windows has not detected a problem with the installation and the card should function normally.

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Specifications

Form Factor/Interface	Full height / PCI (5V)
Connectors	2 x 68-pin half-pitch female (internal/external)
	1 x 50-pin male (internal)
Chipset	Initio INIC-950
Standards Supported	Ultra Wide SCSI (backwards compatible with Fast and Ultra SCSI)
Maximum Data Transfer Rate	40 MB/s (Ultra Wide SCSI)
	Supports auto-negotiation of transfer rate for Fast/Ultra SCSI devices
Signaling Type	High Voltage Differential/SE
Number of Devices Supported	Up to 15 devices
Onboard BIOS	Yes
Compatible Operating Systems	Windows 2000/XP/Server 2003/Vista, DOS, and OS/2
Regulatory and Other Certifications	FCC Class B, CE

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Technical Support

StarTech.com's lifetime technical support is an integral part of our commit-ment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a two year warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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