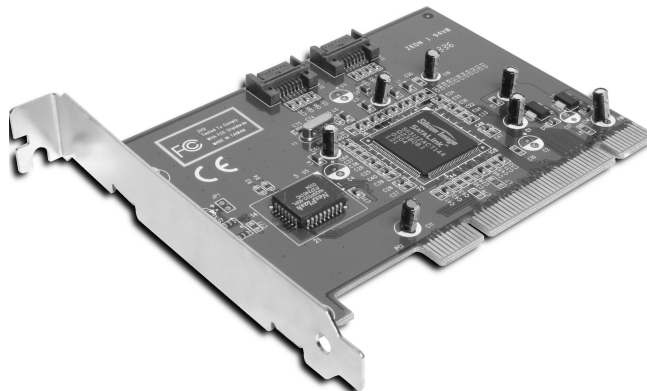


Serial ATA 1.0 PCI Card

2 Port Serial ATA (SATA) Controller

PCISATA2

Instruction Manual



Actual product may vary from photo

StarTech.com

The Professionals' Source for Hard-to-Find Computer Parts

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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Introduction

Thank you for purchasing a StarTech.com Serial ATA (SATA) 1.0 PCI controller card. This product allows you to add the speed of Serial ATA devices--including hard drives--to your existing computer. Featuring a Plug and Play installation, you can install this card alongside existing IDE controllers so that you can transition to the speed of SATA while maintaining compatibility with your current drives and devices.

Features

- Maximum data transfer rate: 150 MBytes/sec.
- Coexists with your existing parallel ATA (IDE) hard drives
- Backed by StarTech.com's lifetime warranty and technical support

Before You Begin

System Requirements

- A IBM-compatible computer with an available PCI slot
- Operating System (OS) Support: Windows 98/98SE/ME/NT4/2000/XP

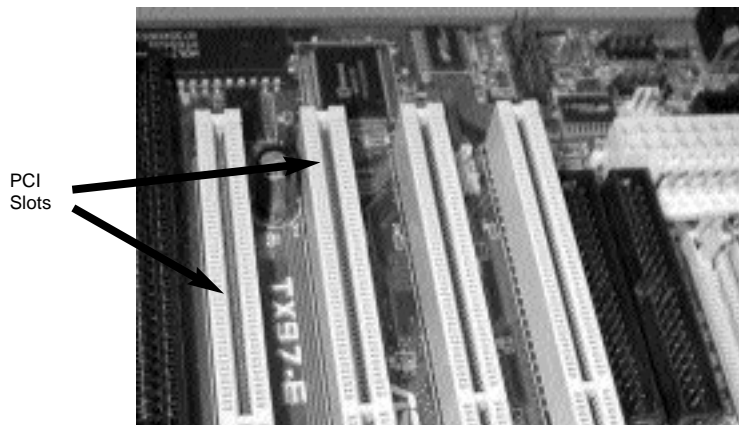
Contents

This package should contain:

- 1 x Serial ATA PCI controller card
- 1 x Installation CD
- 1 x LP4 to 15-pin SATA power converter cable (used only if your power supply does not have SATA power connectors)
- 1 x 7-pin SATA data cable
- 1 x Instruction Manual

Installation

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.



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 color) and remove the metal plate that covers the rear bracket. You may need a Phillips screwdriver to perform this step. **Retain this screw!** You will need it to secure the card later.
4. Gently insert the PCI 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. Install your SATA hard drives according to the instructions in their documentation. Connect the drive(s) to the PCISATA2 card.
7. Put the computer case back on.

Installing the Drivers

Windows 98/98SE/ME

1. Windows will detect that new hardware has been installed and launch the Add New Hardware Wizard. Click **Next** and choose the **Search for the best driver for your device (Recommended)** option. Click **Next**. Ensure the installation CD is inserted.
2. On the next screen select only **Specify a location**. Choose **Browse**.
3. In the file selection box, double click this folder under your CD-ROM: **Sil_SATA_10034**. Click **OK**.
4. The file location box under **Specify a location** will now contain the path to the files. Click **Next**.
5. 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**.
6. If the Add New Hardware Wizard appears again, repeat steps 1 through 5 above to complete the installation.

Windows 2000/XP

1. Windows will launch the **Add New Hardware Wizard**. Click **Next**.
2. Choose the **Search for a suitable driver...** option and click **Next**.
3. Check only the **CD-ROM drives** option. Ensure the installation CD is inserted in the CD-ROM or other optical drive. Click **Next**.
4. Windows will display a message stating that "Windows has found a driver for this device". Click **Next**. Choose **Yes** or **Continue Anyway** if you are warned that the driver file has not been digitally signed.
5. Windows will display a message that states "Windows has finished installing software for this device". Click **Finish**.
6. Windows will continue to detect and install any remaining new devices. If the Add New Hardware Wizard is launched again, repeat steps 1 through 5 from above.

Verifying Your Installation

Windows 98/98SE/ME

1. Go to **Start > Settings > Control Panel**.
2. Double click **System**.
3. Click the **Hardware** tab.
4. If the card does not 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.

Windows 2000/XP

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 not 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.

Specifications

Form Factor/Interface	PCI 32-bit, ver. 2.2 compliant, 33/66 MHz Full-sized card
Standards Supported	Serial ATA 1.0
Maximum Data Transfer Rates	150 MBytes/sec.
Number of Ports	SATA 7 pin (female): 2 (internal)
OS Support	Windows 98/98SE/ME/2000/XP Fully Plug and Play compliant
Regulatory and Other Certifications	FCC Class B, CE, UL

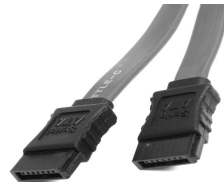
Accessory Products from StarTech.com

Contact your local StarTech.com dealer or visit www.startech.com for cables or other accessories that will help you get the best performance out of your new product.

18 inch Serial ATA Drive Connection Cable
SATA18

24 inch Serial ATA Drive Connection Cable
SATA24

36 inch Serial ATA Drive Connection Cable
SATA36



18 inch Serial ATA Data Cable with LP4 Adapter
SATA18POW

18 inch Right Angle Serial ATA Cable (1 end)
SATA18RA1

24 inch Right Angle Serial ATA Cable (1 end)
SATA24RA1

36 inch Right Angle Serial ATA Cable (1 end)
SATA36RA1

24 inch Right Angle Serial ATA Cable (both ends)
SATARA24

36 inch Right Angle Serial ATA Cable (both ends)
SATARA36

Mutant Mods 24 inch Blue EL Wire Illuminated Serial ATA Drive Connection Cable
SATA24BLEL

Mutant Mods 24 inch Blue UV Reactive Serial ATA Drive Connection Cable
SATA24BLUV

Mutant Mods 24 inch Green EL Wire Illuminated Serial ATA Drive Connection Cable
SATA24GNEL

Mutant Mods 24 inch Green UV Reactive Serial ATA Drive Connection Cable
SATA24GNUV

Mutant Mods 24 inch Red EL Wire Illuminated Serial ATA Drive Connection Cable
SATA24RDEL

Mutant Mods 24 inch Red UV Reactive Serial ATA Drive Connection Cable
SATA24RDUV

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment 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 lifetime 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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Revised: 22 November 2004 (Rev. B)