



Serial ATA to IDE/ATAPI Adapter SATA2ATA133

Introduction

Thank you for purchasing a StarTech.com SATA to IDE/ATAPI adapter. This product allows you to connect a standard IDE hard drive or optical (CD/DVD) drive to a computer that has a SATA controller.

Features

- Supports SATA transfer speeds of 150 MBytes/sec.
- UDMA and PIO drive mode support

Before You Begin

System Requirements

- A computer with an available SATA/SATA II port on the controller (Functions at SATA 1.0 speeds in a SATA II controller)
- 1 LP4 connector (to power the IDE drive)
- 1 SP4 connector (to power the adapter)

Installing and Using the Adapter

When handling drives and other equipment, always exercise caution. Ground yourself using an anti-static mat or by touching the metal frame of the computer for several seconds. Static electricity or shock from impacts can result in equipment damage and/or data loss.

1. With the power off, secure the drive in your computer case following the instructions included with the

drive. It is recommended that the drive is set to “Master”.

2. Connect a LP4 power connector from the power supply in the computer to the drive.
3. Connect the IDE 40-pin connector on the adapter to the connector on the drive. Ensure that pin 1 on the adapter (marked with the arrow) matches pin 1 on the drive connector.
4. Connect a SP4 (floppy drive) power cable from the power supply to the adapter.
5. Using a SATA data cable, connect one end to the port on the adapter. Connect the opposite end to an available port on the computer’s SATA controller.
6. Once the computer is powered on, the drive will be available for use. For Windows computers, the drive will appear in **My Computer**. In MacOS, the icon will appear on the desktop (optical drives will not appear until a disc is inserted).

Note: While the SATA connection between the adapter and the computer’s SATA controller is hot-swappable, we strongly recommend that you do not remove the adapter from the IDE connector on the drive while the computer is running. Doing so could result in hardware damage or data loss.

Specifications

Connector (to Drive)	1 x IDE 40-pin (female)
Connector (to Computer)	1 x SATA data 7-pin (female)
Data Transfer Rate	150 MBytes/sec. (maximum) (Actual rate will vary by configuration)
Housing	Plastic
Modes Supported	UDMA and PIO

Support, Warranty Information, and Regulatory Compliance Statement

If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads. This product is backed by a one-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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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.