

IDE to SATA Drive Mounted Adapter

IDE2SAT

Introduction

Thank you for purchasing a StarTech.com IDE to SATA Drive Mounted Adapter - the perfect solution for adding SATA drives to motherboards lacking available SATA connectivity, while preserving space within the computer.

Features

- 48-bit addressing supports large capacity (137+ GB drives)
- Compatible with Ultra ATA 133 specifications
- Serial ATA 1.0 compliant
- Simple Plug and Play installation

System Requirements

- Host computer with an available IDE connection
- A SATA drive (DVD, DVD-RAM, CD-RW etc.)
- A 40-pin IDE drive cable

Package Contents

- 1 x IDE to SATA adapter
- 1 x Power Cable (1 x LP4 to 1x LP4 + 1 x SP4)
- 1 x Instruction Manual

Installation

Please note: If you wish to use the installed SATA drive as a bootable device, please ensure it is designated to operate in Master mode.

1. Power down the host computer.
2. Open the computer chassis, and ensure that the drive is fastened to the chassis as you would any installed hard drive. For further information, please refer to the documentation that accompanied the computer or computer chassis at the time of purchase.
3. Using the jumper (marked J3) provided on the circuit board, select the mode under which the SATA drive that is being installed will operate (S for Slave, M for Master - turn the circuit board over for designation markings).
4. Connect the SATA drive to the circuit board using the designated SATA power and data ports, by inserting the connector provided by the circuit board into the ports provided by the drive.
5. Connect the lone LP4 power connector to the computer power supply. Connect the SP4 power connector provided by the power connector to the power connector on the IDE2SAT power port.
6. Connect the IDE connector on the IDE2SAT circuit board to an available IDE port on the motherboard, using a 40-pin IDE cable (not included). Please note the orientation of PIN 1, marked on the circuit board with a small arrow.
7. Replace the chassis cover, and power on the host computer. Please make any adjustments as necessary within the system BIOS. Please refer to the documentation that accompanied the computer system or mother board purchase, for information on how to designate the Master and Slave drives, as well as boot sequence.

Specifications

Regulatory Certifications	CE, ROHS
Connectors	1 X LP4 Male 1 X LP4 Female 1 X IDE 44 Male 1 X SP4 Male 1 X SATA Data 7 pin Female 1 X SATA Power Female
Chipset	Marvell 88SA8040

Support, Warranty Information, and Regulatory Compliance Statement
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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.