Manuals+ — User Manuals Simplified.

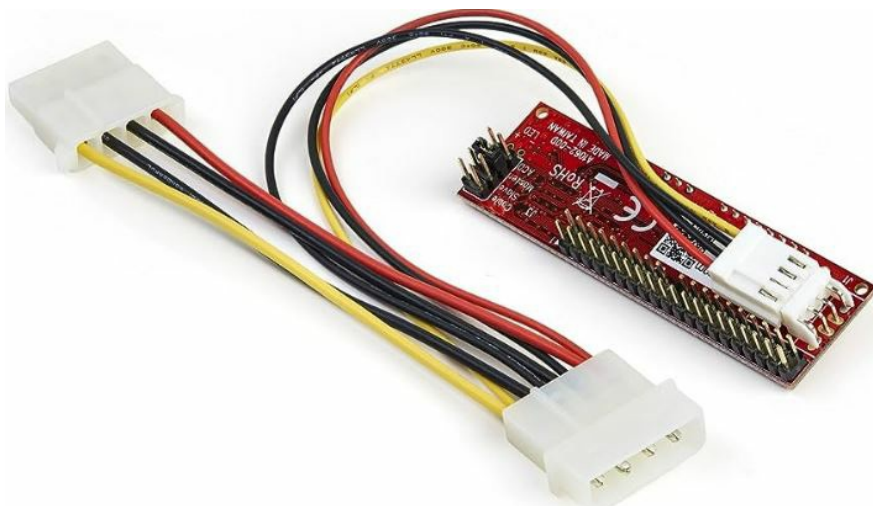# StarTech IDE2SAT2 IDE to SATA Optical Drive Adapter Instruction Manual

Contents

StarTech.com

StarTech IDE2SAT2 IDE to SATA Optical Drive Adapter

Packaging Contents

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

System Requirements

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

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 motherboard purchase, for information on how to designate the Master and Slave drives, as well as the boot sequence.

Specifications

- **Host Connector:** 40-pin IDE male; 4-pin SP4 floppy power male
- **Device Connector:** 7+15-pin SATA female
- **Chipset:** Marvell 88SA8052
- **LBA Support:** 48-bit
- **Bus Compatibility:** SATA 1.5/3.0 Gb/s; ATA/33/66/100/133
- **IDE Modes:** Master/Slave/Cable Select*

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 the receiver.
- Connect the equipment to 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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FAQ's

What is the StarTech IDE2SAT2 IDE to SATA Optical Drive Adapter?

The StarTech IDE2SAT2 is an adapter designed to convert IDE (PATA) optical drives to SATA, allowing them to be used with modern SATA-equipped computers.

What is the purpose of this adapter?

The primary purpose of this adapter is to enable the connection of older IDE optical drives to newer computers or motherboards that only have SATA interfaces.

Is it compatible with all IDE optical drives?

The adapter is designed for compatibility with most standard IDE optical drives, but it's a good practice to check the drive's specifications and compatibility before use.

Does it require external power?

No, the adapter is typically powered through the SATA connection, so it doesn't require an external power source.

Is it suitable for both 3.5-inch and 5.25-inch optical drives?

Yes, the adapter is often compatible with both 3.5-inch and 5.25-inch IDE optical drives, providing versatility in drive size.

Does it support hot-swapping of optical drives?

The adapter may support hot-swapping, but it's essential to check the manufacturer's specifications and your computer's capabilities for hot-swapping compatibility.

What SATA revision is it compatible with?

The adapter is typically compatible with SATA I (1.5 Gbps), SATA II (3.0 Gbps), and SATA III (6.0 Gbps) interfaces, ensuring compatibility with most SATA-equipped systems.

Is it plug-and-play?

Yes, the adapter is often plug-and-play, meaning it's recognized by the operating system without the need for additional drivers or software installation.

Can it be used with solid-state drives (SSDs)?

The adapter is primarily designed for optical drives, but it might work with SSDs in some cases. However, it's recommended to use it with optical drives as intended.

Does it support any RAID configurations?

The adapter is typically not designed for RAID configurations and is intended for single-drive connections.

Is it compatible with Mac computers?

The adapter is often compatible with Mac computers that have SATA connections, but it's a good idea to check compatibility with your specific Mac model.

Is it reversible, or does it have a specific direction for connection?

The adapter is typically not reversible and has a specific direction for connecting IDE and SATA cables.

References: [StarTech IDE2SAT2 IDE to SATA Optical Drive Adapter – Device.report](#)

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