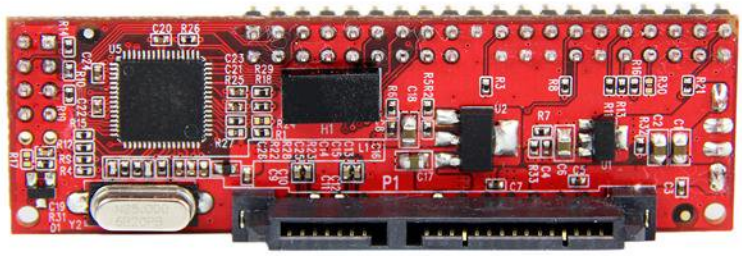
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Data Sheet

# IDE to SATA Hard Drive or Optical Drive Adapter - 40-Pin PATA to 2.5" SATA HDD/SSD/ODD Converter

Product ID: IDE2SAT2



The IDE2SAT2 40-pin IDE to SATA adapter enables you to connect a SATA I/II/III drive to an available IDE/ATA 33/66/100/133 motherboard port - a cost effective solution that allows you to add newer SATA drives, and keep your existing motherboard.

The IDE/SATA adapter offers a cost-effective solution for bridging the gap between a newer 2.5"/3.5"/5.25" SATA drive and older IDE motherboard port. The IDE2SAT2 also features ODD (Optical Disk Drive) support, allowing you to a add Blu-ray, DVD, or CD-ROM drives to an older IDE motherboard.

The IDE/SATA adapter is backed by a StarTech.com 2-year Warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

RoHS Compliant Available

## Applications

- An internal solution for connecting your SATA hard drive to a motherboard supporting an IDE interface
- Ideal for use with older motherboards that do not support SATA

## Features

- Connect a SATA device to an IDE/ATA motherboard or controller card
- Complete hardware solution; no software required
- Support for 48-bit Logical Block Addressing (LBA)
- Compliant with SATA revision 1.0 specification
- Supports SATA I/II/III (1.5/3/6Gbps) drives
- Compatible with Ultra ATA 133 specification
- Supports 2.5", 3.5", and 5.25" SATA Drives
- ODD (Optical Disk Drive) support, including Blu-ray, DVD, and CD-ROM drives

| | | |
|---|---|---|
| | Warranty | 2 Years |
| **Hardware** | Chipset ID | Marvell - 88SA8052 |
| | Compatible Drive Types | SATA |
| | Drive Size | 2.5in & 3.5in |
| | Interface | IDE |
| | Number of Drives | 1 |
| **Performance** | Maximum Data Transfer Rate | 133MB/sec |
| | RAID | No |
| **Connector(s)** | Connector Type(s) | 1 - IDE (40 Pin, EIDE/PATA) |
| | | 1 - SATA Data & Power Combo (7+15 pin) |
| | | 1 - SP4 (4 pin, Small Drive Power) |
| **Software** | OS Compatibility | OS independent; No software or drivers required |
| **Special Notes / Requirements** | System and Cable Requirements | An IDE controller and ATA cable (not included). |
| **Environmental** | Humidity | 15~90% RH |
| | Operating Temperature | 5°C to 50°C (40°F to 122°F) |
| | Storage Temperature | -25°C to 80°C (-13°F to 176°F) |
| **Physical Characteristics** | Enclosure Type | Steel and Plastic |
| | Product Height | 0.9 in [23 mm] |
| | Product Length | 3 in [75.5 mm] |
| | Product Weight | 1 oz [29 g] |
| | Product Width | 0.8 in [20 mm] |
| **Packaging Information** | Shipping (Package) Weight | 3.1 oz [89 g] |
| **What's in the Box** | Included in Package | 1 - IDE to SATA adapter |
| | | 1 - LP4 Molex to SP4 Power Cable |
| | | 1 - Instruction Manual |

Product appearance and specifications are subject to change without notice.