



USB 2.0 to SATA Converter

ICUSB2SATA

Introduction

Thank you for purchasing a StarTech.com USB 2.0 to SATA Converter. This product allows you to connect any 3.5" or 2.5" SATA or SATA 2.0 hard drive to a host computer via USB, without having to open the computer case, offering a perfect solution for quickly testing and swapping SATA hard drives.

Features

- Enables using a SATA or SATA II hard drive as external storage
- Supports USB 2.0 speeds up to 480 Mbps
- Includes necessary cables, for quick installation
- Plug and Play, easy to install
- Compatible with Windows 98SE/ME/2000/XP/2003 and higher

Before You Begin

System Requirements

- An available USB 2.0 port
- Input and Output HDMI cables
- A display with at least 1 HDMI input

Package Contents

- User Manual (1)
- Driver CD (1)
- 18" SATA cable (1)
- AC power supply supports 5V and 12V (1)
- 3" SATA 15-pin power to LP4 power adapter (1)
- 6' 7-pin SATA to USB Type B female cable (1)
- SATA hard drive ranging from 80Gb to 500Gb

Basic Setup

Connecting the SATA hard drive to the computer

1. Connect one end of the 18" SATA cable to the SATA port on the desired hard drive.
2. Connect the opposite end of the 18" SATA cable to the SATA port on the SATA to USB cable.
3. Connect the USB Type B connector on the SATA to USB cable to an available USB port on the host computer.

Powering the SATA/SATA II hard drive

1. Connect the 3" SATA 15-pin power to LP4 (white) power cable to the AC power adapter.
2. Connect the SATA 15-pin power connector to the SATA/SATA II hard drive.
3. Connect the remaining power cable to the end of the power adapter opposite the connection to the SATA/SATA II hard drive. Connect the opposite end to a wall outlet or other suitable power source
4. Once all necessary connections have been made, press the Power button, located between the power adapter and the SATA 15-Pin power to LP4 cable.
5. Your SATA/SATA II hard drive is now ready to use.

Installing the drivers (Windows 98/98SE only)

1. After plugging in the adapter, Windows will run the **Add New Hardware Wizard**. Insert the Driver CD.
2. Click **Next** when the **Add New Hardware Wizard** prompts to **Search for the best driver...**
3. Check **Specify a location**, indicating the location of your CD-ROM.
4. Windows should find a driver for **JMicron SATA-USB Combo Device**, or something similar. Continue to click **Next**, followed by **Finish** to conclude the driver installation.

Verifying successful installation

1. Locate and right-click on the My Computer icon. Select Properties. Click the Hardware tab, followed by Device Manager.

2. **Windows 98:** You should see a category called Hard Disk Controllers and a device called JM20339 SATA, USB Combo, and a category called Disk Drives, with the name of the drive listed.

Windows 2000/XP: You should see a category called Universal Serial Bus Controllers and a device called USB Mass Storage Device, as well as a category entitled Disk Drives with your drive listed as a USB Drive.

Troubleshooting

Problem: Drive and adapter show properly in Device Manager, but no drive letter is available in My Computer or Windows Explorer.

Solution: This is a normal occurrence with a new drive, or with a drive that contains an existing partition that Windows does not understand. Make sure the drive is formatted properly, according to the specifications of the Operating System (i.e. Windows 98 will not be able to read a disk formatted with NTFS), by using the Logical Disk Manager utility from within Windows.

Specifications

Bus Type	USB and SATA
Form Factor	Supports 2.5" and 3.5" SATA drives
Max. data transfer speed	480Mbps
OS Compatibility	Windows 98SE/ME/2000/XP/2003
Certifications	FCC, CE
Supported capacity	Supports SATA hard drives from 80GB up to 500 GB

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.