

USB 3.1 (10 Gbps) adapter cable for SATA drives

Product ID
USB312SAT3CB



Component		Function
1	USB Connector	• Connect to a Computer with an available USB port
2	SATA Connector for 2.5" HDD/SSD	• Connect 1x 2.5" HDD (Hard Disk Drive) or SSD (Solid State Drive)

Requirements

- Computer system with available USB 10Gbps, USB 5Gbps or USB 2.0 (480Mbps) port.
Note: This SATA to USB adapter supports up to 5 Gbps. Actual speed depends on the USB port used (e.g., limited when connected to USB 2.0).
- 2.5" SATA hard drive or solid state drive.
- OS Independent - Works with all major operating systems, including Windows, macOS, Linux and ChromeOS

For the latest product information, technical specifications, and declarations of conformance, please visit: www.startech.com/USB312SAT3CB

Package Contents

- USB 10Gbps to SATA 2.5" HDD Adapter Cable x 1
- Quick-Start Guide x 1

Installation

Hardware Installation

WARNING! Hard drives and storage enclosures require careful handling, especially when being transported. If you are not careful with your hard disk, lost data may result. Always handle your hard drive and storage device with caution. Be sure that you are properly grounded by wearing an anti-static strap when handling computer components or discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds.

Note: This adapter cable will only work with 2.5" hard drives and 2.5" solid state drives. 3.5" Hard drives and optical drives require a higher power load than can be provided via the USB bus.

1. Connect your 2.5" SATA hard drive/solid state drive to the SATA Connector on the adapter.
2. Connect the USB connector from the cable to a USB port on the host computer system (optimal performance with USB 10Gbps, backward compatible with USB 5Gbps or USB 2.0/1.1).

Operation

Connecting the Hard Drive

Once the cable has been attached to a computer, and the necessary software will automatically install, and the drive will be accessible as though it were installed within the system.

Prior to using the drive, it will need to be formatted according to your operating system requirements. To format your newly attached hard drive, or create partitions, please consult the documentation that accompanied your operating system at the time of purchase.

Powering the Drive

The hard drive adapter requires no external power supply, as it is capable of receiving enough power from the USB Bus to which it is connected.

Operation

Windows

1. Select the **“Safely remove Hardware and Eject Media”** icon, located in the **task bar**.
2. Select the **USB Storage Device** from the list that appears.
3. Wait for the message indicating that it is now safe to remove the device
Note: Removing the connected drive prior to receiving notification that it is safe to do so, could result in losing or corrupting data stored on the drive. Once the Safe to Remove Hardware message appears, please disconnect the enclosure from the computer by removing the USB connection.

MacOS

To safely disconnect the attached drive from the host computer, close any windows listing the contents of the removable drive. Once all windows are closed, click on the USB storage icon on the desktop, and drag it to the Trash Can icon on the desktop. Allow 5 seconds before physically removing the enclosure/disk from the computer.

Regulatory Compliance

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 to an outlet on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the device. If shielded interface cables are included with the product, or if additional components or accessories are designated for use with the installation, they must be used to ensure compliance with FCC regulations.

ISED Statement / Déclaration d'ISDE

CAN ICES-003(B) / NMB-003(B)

This Class B digital apparatus complies with Canadian ICES-003.

This device complies with ISED Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Warranty Information

This product is backed by a two-year warranty.

For further information on product warranty terms and conditions, please refer to www.startech.com/warranty.

Initializing the Hard Drive

1. If the **SATA** Hard Drive is blank it may need to be **initialized** and **formatted** before use. From the main Windows desktop, **right-click** the **Start** button and select **“Disk Management”** (Windows 11), then select Manage. In the new Computer Management window, select Disk Management from the left window panel.
2. A dialog window should automatically appear, asking you to initialize the drive. Depending on the version of Windows, it will give you the option of either creating an **“MBR”** or **“GPT”** disk. GPT (GUID partition) is not compatible with some older operating systems, while MBR is supported by newer and older operating systems.
3. Once initialized, locate the Disk that says it is **“Unallocated”** (check the listed hard drive capacity to confirm it's the correct hard drive) and then right-click in the section that says **“Unallocated”** and select **“New Partition”**.
4. Follow the on screen prompts to initialize the drive in the format of your choice.

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