

SATA to USB Cable, USB 5Gbps to 2.5in SATA I II III Hard Drive Adapter, External Converter for SSD or HDD Data Transfer

**Product ID:** USB3S2SAT3CB



This SATA to USB cable is an external drive adapter that gives you quick and easy access to a SATA drive through the USB-A port on a laptop.

This SATA solid-state (SSD) or hard drive (HDD) adapter lets you upgrade to an external 2.5" SATA SSD or HDD.

The cable lets you:

- Add drive space
- Perform backups
- Create disk images
- Implement data recovery
- Transfer content between the drive and the laptop

The cable supports USB 5Gbps data transfer speeds. But, you can experience transfer speeds up to 70% faster than conventional USB 5Gbps, when connected to a computer that also supports UASP. With UASP you can utilize the full potential of a SATA III SSD or HDD. UASP is supported in Windows 8, Mac OS X (10.8 or above), and Linux.

In testing, UASP performs with a 70% faster read speed and 40% faster write speed over traditional USB 5Gbps at peak performance.

At the same peak in testing, UASP also shows an 80% reduction in required processor resources.

The SATA to USB cable is a portable solution that tucks away nicely in a laptop bag -- no external power is required. The cable lets you easily swap between drives with no need to install the drive inside an enclosure. It's plug-and-play and doesn't require drivers.

Note: This product is not compatible with 3.5 in. hard drives. For 3.5 in. drive support, please see our USB to SATA Cable with Supplemental Power (USB312SAT3).

## Certifications, Reports and Compatibility



## Applications

- Back up important data to an external storage device
- Back up important data to an external storage device
- Retrieve data from an old SATA drive
- Perform a data migration or clone a drive
- Take advantage of USB 3.0 laptops or desktops with UASP for faster transfer speeds
- Upgrade your laptop HDD to an SSD via USB 3.0

## Features

- **QUICKLY ACCESS A 2.5" SATA SSD OR HDD:** Connect to a 2.5in SATA SSD (solid state drive) or HDD (hard disk drive) to add storage, perform backups, create disk images, recover data, and transfer content to your laptop; Not Compatible with 3.5in drives
- **COMPATIBILITY:** This bus-powered adapter is compatible with 2.5in drives; 3.5in drives require a dedicated power connection; For an adapter that supports 3.5in drives, please see our USB312SAT3
- **FAST TRANSFER SPEEDS:** The SATA to USB adapter supports USB 5Gbps data transfer speeds over USB-A, plus you can experience transfer speeds up to 70% faster than conventional USB 5Gbps when connected to a computer that also supports UASP
- **CONNECT FROM ANYWHERE:** The hard drive USB adapter cable is a portable solution that tucks away nicely in a laptop bag with no external power required
- **SAVE TIME:** The hard drive transfer cable lets you conveniently swap between drives with no need to install the drive inside an enclosure, just plug and play into a USB-A host system; No driver-install required; OS-Independent

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## Hardware

Warranty	2 Years
Fan(s)	No
Interface	USB 3.2 Gen 1 (5Gbps)
Bus Type	USB 3.2 Gen 1 (5Gbps)
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA
Chipset ID	ASMedia - ASM225CM

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**Performance**

Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
TRIM Support	Yes
4Kn Support	Yes
Type and Rate	SATA III (6 Gbps)
Hardware Raid Supported	No
Max Drive Capacity	Currently tested with up to 2TB 5900 RPM hard drives
General Specifications	Max power of the attached drive is 900 mA
MTBF	1,609,297 Hours

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**Connector(s)**

Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) 1 - SATA Power (15 pin)
Host Connectors	1 - USB Type-A (9 pin, 5 Gbps)

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**Software**

OS Compatibility	OS independent; No software or drivers required
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**Special Notes / Requirements**

Note	Cable will work only with 2.5" SATA drives
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3.5"/5.25" drives are not supported

Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices.

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#### Power

Power Source	USB-Powered
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#### Environmental

Operating Temperature	0C to 60C (32F to 140F)
Storage Temperature	-10C to 70C (14F to 158F)
Humidity	40%-85%RH

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#### Physical Characteristics

Color	Black
Cable Length	1.3 ft [0.4 m]
Product Length	19.7 in [50.0 cm]
Product Width	1.7 in [4.4 cm]
Product Height	0.4 in [0.9 cm]
Weight of Product	1.4 oz [40 g]

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#### Packaging Information

Package Quantity	1
Package Length	5.7 in [14.5 cm]
Package Width	7.8 in [19.9 cm]
Package Height	1.0 in [2.5 cm]
Shipping (Package) Weight	2.3 oz [64.0 g]

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#### What's in the Box

Included in Package	1 - USB 3.0 to SATA 2.5" HDD Adapter Cable
	1 - Instruction Manual

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#### Warranty

**Information**

Warranty 2 Years

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*\*Product appearance and specifications are subject to change without notice.*

