

## SATA to USB Cable - USB 3.1 (10Gbps) - UASP

**Product ID:** USB312SAT3



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 USB 3.1 (10Gbps) desktop or laptop.

The USB 3.1 to SATA adapter gives you greater bandwidth and speed with rates of up to 10Gbps. That's twice the speed of USB 3.0 and 20x faster than USB 2.0.

You can leverage the high performance of the latest SSDs and HDDs, while alleviating bottlenecks in your data transfers. Plus, you can experience transfer speeds up to 70% faster than conventional USB 3.1, when connected to a computer that supports UASP.

The SATA to USB adapter cable lets you swap between drives so that you can copy or retrieve data from an external 2.5" or 3.5" SATA solid-state drive (SSD) or hard drive (HDD). The cable is ideal for IT technicians who need fast access to SATA drives.

It's the perfect solution for:

- Data migrations
- Adding drive space
- Cloning drives
- Creating disk images
- Performing backups and data recoveries

The SATA to USB adapter is a portable solution that includes an integrated cable so you never have to worry about forgetting to bring your cable with you.

You can easily connect to a 2.5" SSD or HDD using USB power. A universal power adapter is also included for connecting to a 3.5" drive, or for connecting to any 2.5" drive that requires additional power. The adapter is plug-and-play and does not require drivers.

USB312SAT3 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

### Applications

- Quickly access 2.5" and 3.5" SSD and HDD drives from a USB-A laptop or tablet - ideal for IT professionals
- Migrate data or clone a drive
- Back up important data to an external storage device
- Restore your computer from a backup drive
- Retrieve data from your old SATA drives

### Features

- Access a SATA SSD or HDD from your desktop or laptop with this SATA to USB cable
- Transfer data faster at up to 10Gbps with this USB 3.1 cable
- Experience 70% faster read speeds and 40% fast write speeds with UASP support
- Connect to external drives anywhere with this SATA to USB adapter
- Power 3.5" or 2.5" drives that require additional power using the included power adapter

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#### Hardware

Warranty	2 Years
Interface	USB 3.1 Gen 2
Bus Type	USB 3.1 Gen 2
Number of Drives	1
Drive Size	2.5in & 3.5in
Compatible Drive Types	SATA
Chipset ID	ASMedia - ASM1351

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#### Performance

Maximum Data Transfer	10 Gbps
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Rate	
Type and Rate	USB 3.1 Gen 2 - 10 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 hard drives up to 6TB
Hot Swap Capability	Yes

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**Connector(s)**

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps)

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**Software**

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

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

LED Indicators	Power and Activity
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**Power**

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.6 A
Output Voltage	12V DC
Output Current	2.0 A
Center Tip Polarity	Positive
Plug Type	M



Power Consumption (In Watts) 24

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**Environmental**

Operating Temperature 0C to 60C (32F to 140F)  
Storage Temperature -20C to 80C (-4F to 176F)  
Humidity 0% ~ 80% RH

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**Physical Characteristics**

Color Black  
Material Plastic  
Product Length 3.3 in [85.0 mm]  
Product Width 0.9 in [23.0 mm]  
Product Height 0.7 in [18.0 mm]  
Weight of Product 2.0 oz [57.0 g]

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**Packaging Information**

Package Length 5.6 in [14.3 cm]  
Package Width 6.9 in [17.6 cm]  
Package Height 2.0 in [51.0 mm]  
Shipping (Package) Weight 10.6 oz [300.0 g]

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**What's in the Box**

Included in Package USB 3.1 to SATA adapter for 2.5in/3.5in SSD/HDD  
universal power adapter (NA,UK,EU,ANZ) (94mm cable length)  
quick start guide

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

