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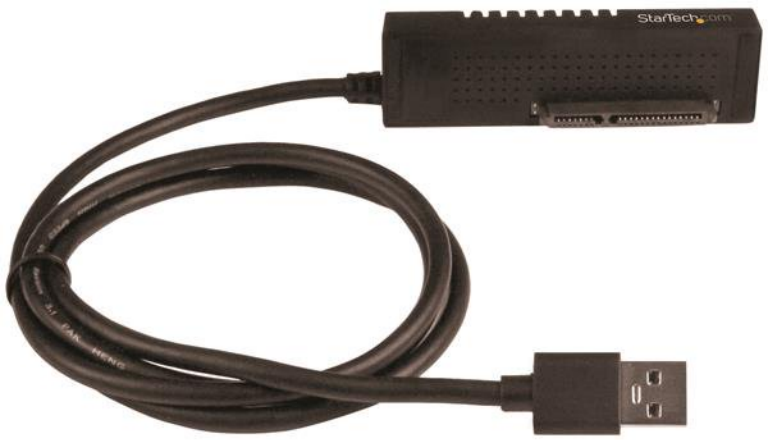
Data Sheet

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

Product ID: USB312SAT3

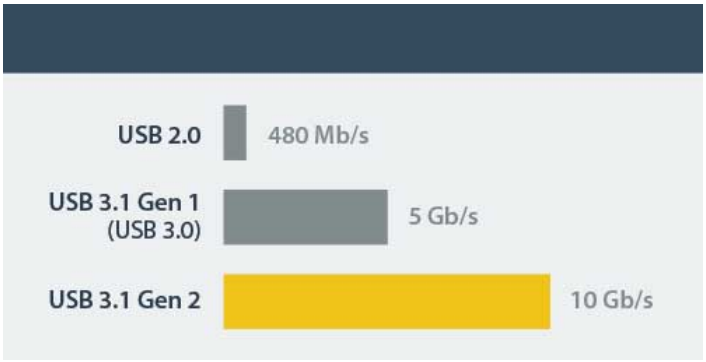


This SATA to USB cable is an external drive adapter that gives you quick and easy access to a SATA drive through the USB-A port on a USB 3.1 (10Gbps) desktop or laptop.

## Faster Transfer Speeds with USB 3.1

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.



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## Convenient and Versatile Drive Access

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



## Connect from Anywhere

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.

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## Certifications, Reports and Compatibility

RoHS Compliant Available

## 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

| | | |
|---|---|---|
| | Warranty | 2 Years |
| **Hardware** | Bus Type | USB 3.1 Gen 2 |
| | Chipset ID | ASMedia - ASM1351 |
| | Compatible Drive Types | SATA |
| | Drive Size | 2.5in & 3.5in |
| | Interface | USB 3.1 Gen 2 |
| | Number of Drives | 1 |
| **Performance** | 4Kn Support | Yes |
| | Hot Swap Capability | Yes |
| | Max Drive Capacity | Currently tested with hard drives up to 6TB |
| | Maximum Data Transfer Rate | 10 Gbps |
| | TRIM Support | Yes |
| | Type and Rate | USB 3.1 Gen 2 - 10 Gbit/s |
| | | SATA III (6 Gbps) |
| | UASP Support | Yes |
| **Connector(s)** | Drive Connectors | 1 - SATA Data & Power Combo (7+15 pin) Receptacle |
| | Host Connectors | 1 - USB 3.1 USB Type-A (9 pin, Gen 2, 10 Gbps) Male |
| **Software** | OS Compatibility | OS independent; No software or drivers required |
| **Indicators** | LED Indicators | 1 - Power and Activity |
| **Power** | Center Tip Polarity | Positive |
| | Input Current | 0.6 A |
| | Input Voltage | 110V-240V AC |
| | Output Current | 2.0 A |
| | Output Voltage | 12 DC |
| | Plug Type | M |
| | Power Consumption (In Watts) | 24 |
| | Power Source | AC Adapter Included |
| **Environmental** | Humidity | 0% ~ 80% RH |
| | Operating Temperature | 0°C to 60°C (32°F to 140°F) |
| | Storage Temperature | -20°C to 80°C (-4°F to 176°F) |
| **Physical Characteristics** | Color | Black |

| | | |
|---|---|---|
| | Enclosure Type | Plastic |
| | Product Height | 0.6 in [15 mm] |
| | Product Length | 3.3 in [85 mm] |
| | Product Weight | 2 oz [57 g] |
| | Product Width | 0.6 in [14 mm] |
| **Packaging Information** | Shipping (Package) Weight | 11.4 oz [323 g] |
| **What's in the Box** | Included in Package | 1 - USB 3.1 to SATA adapter for 2.5in/3.5in SSD/HDD<br>1 - universal power adapter (NA,UK,EU,ANZ) (94mm cable length)<br>1 - quick start guide |

Product appearance and specifications are subject to change without notice.