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Data Sheet

# USB 3.1 (10Gbps) Adapter Cable for 2.5" SATA Drives

Product ID: USB312SAT3CB



Here’s a fast, easy way to access data on a 2.5" solid-state or hard drive. This cable-style adapter lets you connect your laptop or desktop computer directly to a solid-state drive and access it through ultra-fast USB 3.1 Gen. 2 (up to 10 Gbps).

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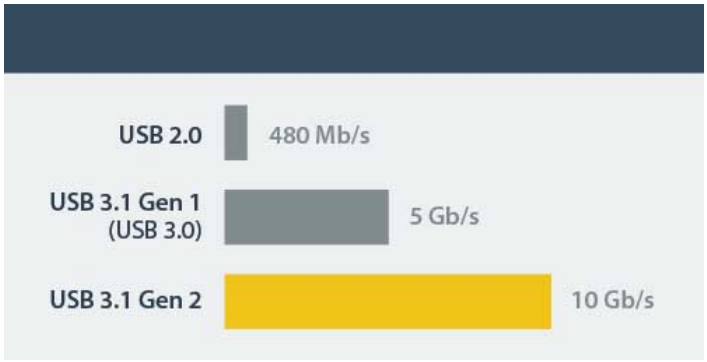


## Convenient drive access

With the adapter cable, you can quickly swap hard drives without having to install your drives into an enclosure. You can copy or retrieve data from a 2.5" SSD/HDD quickly with no additional accessories required. It gives you easy drive access for data migration, drive cloning and data backup applications, with the fast performance of USB 3.1 Gen 2.

## Harness the speed of USB 3.1 Gen 2

USB 3.1 Gen 2 gives you greater bandwidth and speed with rates of up to 10 Gbps - twice the speed of USB 3.0 (USB 3.1 Gen 1) technology. It lets you leverage the high performance of the latest SSDs and hard drives, while alleviating bottlenecks in your data transfers.




## Ultra-portable with no external power required

This cable-style adapter features a compact, lightweight design that tucks easily into a laptop bag or carrying case. Use it wherever you go to access valuable data quickly - with no external power required.

The USB312SAT3CB is backed by a StarTech.com 2-year warranty and free lifetime technical support.

## Certifications, Reports and Compatibility

RoHS Compliant Available

## Applications

- Technicians who need a quick, easy way to access data on 2.5” hard drives
- Take advantage of the faster speed of USB 3.1 Gen 2 (10 Gbps)
- Access any 2.5" hard drive or solid-state drive from any USB enabled computer, for data migration or drive cloning
- Back up important data to an external storage device
- Retrieve data from an old SATA drive

## Features

- Get fast, temporary access to data with a USB 3.1 Gen 2 (10 Gbps) cable-style adapter
- Connects to a 2.5” SATA SSD/HDD with no accessories required
- Supports SATA I, II, III (up to 6 Gbps)
- Powered directly from the USB port
- UASP support for enhanced performance
- Backward compatible with USB 3.0, 2.0 and 1.x

| | | |
|---|---|---|
| | Warranty | 2 Years |
| **Hardware** | Bus Type | USB 3.1 Gen 2 |
| | Chipset ID | ASMedia - ASM1351 |
| | Compatible Drive Types | SATA |
| | Drive Size | 2.5in |
| | Interface | USB 3.1 Gen 2 |
| | Number of 2.5 inch bays | 1 |
| | Number of Drives | 1 |
| **Performance** | Hot Swap Capability | Yes |
| | Max Drive Capacity | Currently tested with hard drives up to 2TB at 7200 RPM |
| | Maximum Data Transfer Rate | 10 Gbps |
| | TRIM Support | Yes |
| | Type and Rate | USB 3.1 Gen 2 - 10 Gbit/s |
| | 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 |
| **Power** | Power Source | USB-Powered |
| **Environmental** | Humidity | 40% ~ 50% RH |
| | Operating Temperature | 0°C to 70°C (32°F to 158°F) |
| | Storage Temperature | -10°C to 55°C (14°F to 131°F) |
| **Physical Characteristics** | Color | Black |
| | Enclosure Type | Plastic |
| | Product Height | 0.3 in [8 mm] |
| | Product Length | 20.3 in [515 mm] |
| | Product Weight | 1.1 oz [30.5 g] |
| | Product Width | 1.8 in [45 mm] |
| **Packaging Information** | Shipping (Package) Weight | 2 oz [56 g] |
| **What's in the Box** | Included in Package | 1 - USB 3.1 to SATA 2.5" HDD adapter cable |
| | | 1 - quick start guide |

Product appearance and specifications are subject to change without notice.