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[S251BU31C3CB](#)

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## USB 3.1 (10Gbps) 2.5" SATA SSD/HDD Enclosure with Integrated USB-C Cable

StarTech ID: S251BU31C3CB



Here's a great way to add ultra-fast, ultra-portable data storage to your USB-C™ enabled tablet or laptop, including MacBook, Chromebook Pixel™ and Dell XPS 12. This USB 3.1 Gen 2 drive enclosure features a built-in USB-C cable that makes it easy to connect a 2.5 in. SATA hard drive (HDD) or solid-state drive (SSD) to your computer through its USB-C port.

### Portable storage with a built-in USB-C cable



This portable drive enclosure turns your 2.5 in. SATA solid-state drive or hard drive into external data storage

that's easy to take with you. Its compact, lightweight design makes it convenient to tuck into your laptop bag or carrying case.

To maximize portability, the enclosure features a built-in USB-C cable, so you never have to worry about forgetting to bring your connector cable with you wherever you go. The cable wraps safely around the enclosure while it's not in use, to prevent damage or tangles and take up less space in your laptop bag. The USB Type-C™ connector is small and reversible, which makes for easier insertions and less risk of port damage. The drive enclosure is USB powered, with no external power adapter required, which means one less thing to carry with you.

### Ultra-fast data transfer speeds



The drive enclosure connects easily to the USB-C port on your laptop or tablet, allowing you to access and store files, faster than ever. This USB 3.1 Gen 2 drive enclosure lets you leverage the high performance of the latest SSDs and hard drives. It supports data transfer rates of up to 10Gbps - twice the speed of USB 3.0 (USB 3.1 Gen 1) technology.

The drive enclosure supports SATA I, II and III (up to 6Gbps) and also supports UASP for enhanced performance.

### Sleek design in durable aluminum

Engineered with a sleek and durable aluminum housing, the enclosure is equipped to keep your data safe and

secure wherever you go. The aluminum housing also helps to distribute heat, to assist with dissipation.

The S251BU31C3CB is backed by a StarTech.com 2-year warranty and free lifetime technical support.

### Applications

- Add portable external data storage to your USB-C equipped laptop or tablet using a 2.5 in. solid-state drive or hard drive
- Use your SATA SSDs/HDDs at maximum speed, by taking advantage of ultra-fast USB 3.1 Gen 2 (10Gbps) connectivity
- Back up your important data to an external storage device
- Share large files between computers quickly and securely, without a network

### Features

- Turn a 2.5" drive into fast USB 3.1 external storage for your USB-C enabled tablet or laptop
- Built-in USB-C cable makes it ultra-portable and means one less thing to carry with you
- Supports SATA I, II, III (up to 6Gbps)
- Sleek, durable aluminum housing
- Supports 5 mm - 9.5 mm drive height
- Powered directly from the USB port
- UASP support for enhanced performance

Technical Specifications

|  |   |
|--|---|
| Warranty                               | 2 Years   |
| Bus Type                               | USB 3.1 Gen 2   |
| Chipset ID                             | ASMedia - ASM1351   |
| Compatible Drive Types (Type and Rate) | SATA  |
| Drive Installation                     | Fixed   |
| Drive Size                             | 2.5in   |
| Fan(s)                                 | No  |
| Interface                              | USB 3.1 Gen 2   |
| Number of Drives                       | 1   |
| Supported Drive Height(s)              | 5mm   |
| Supported Drive Height(s)              | 7mm   |
| Supported Drive Height(s)              | 9.5mm   |
| Max Drive Capacity                     | Currently tested with hard drives up to 2TB at 7200 RPM           |
| Maximum Data Transfer Rate             | 10 Gbps   |
| MTBF                                   | 100000  |
| Type and Rate                          | USB 3.1 Gen 2 - 10 Gbit/s   |
| Type and Rate                          | SATA III (6 Gbps)   |
| UASP Support                           | Yes   |
| Connector Type(s)                      | 1 - USB Type-C (24 pin) USB 3.1 (10Gbps)                          |
| Drive Connectors                       | 1 - 22 pin SATA Data + Power (7 + 15 pin) Plug                    |
| Host Connectors                        | 1 - USB Type-C (24 pin) USB 3.1 (10Gbps)                          |
| OS Compatibility                       | OS independent; No software or drivers required                   |
| LED Indicators                         | 1 - Power and Activity  |
| Humidity                               | Operation Humidity: 10% ~ 90% RH<br>Storage Humidity: 5% ~ 95% RH |
| Operating Temperature                  | 0°C to 40°C (32°F to 104°F)                                       |
| Storage Temperature                    | -10°C to 65°C (14°F to 149°F)                                     |
| Color                                  | Black   |
| Enclosure Type                         | Aluminum and Plastic  |
| Max Drive Height                       | 0.4 in [9.5 mm]   |
| Product Height                         | 0.6 in [15.4 mm]  |
| Product Length                         | 5.5 in [138.8 mm]   |
| Product Weight                         | 4.4 oz [126 g]  |
| Product Width                          | 3.3 in [82.8 mm]  |

|                           |  |
|---------------------------|--|
| Shipping (Package) Weight | 8 oz [226 g]   |
| Included in Package       | 1 - USB 3.1 2.5" SATA SSD/HDD enclosure with USB-C cable |
| Included in Package       | 3 - enclosure assembly screws                            |
| Included in Package       | 3 - drive-mount hardware screws                          |
| Included in Package       | 1 - screwdriver  |
| Included in Package       | 1 - quick install guide                                  |

**Certifications, Reports and Compatibility**





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