

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

Product 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.

Certifications, Reports and Compatibility



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

Hardware

Warranty	2 Years
Fan(s)	No
Interface	USB 3.2 Gen 2
Bus Type	USB 3.2 Gen 2

Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Fixed
Supported Drive Height(s)	5mm 7mm 9.5mm
Chipset ID	ASMedia - ASM1351

Performance

Maximum Data Transfer Rate	10 Gbps
Type and Rate	USB 3.2 Gen 2 - 10 Gbit/s
UASP Support	Yes
TRIM Support	Yes
4Kn Support	Yes
Type and Rate	SATA III (6 Gbps)
Max Drive Capacity	Currently tested with hard drives up to 2TB at 7200 RPM
MTBF	100000

Connector(s)

Connector Type(s)	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)
Drive Connectors	1 - 22 pin SATA Data + Power (7 + 15 pin) Plug
Host Connectors	1 - USB 3.2 Type-C (24 pin, Gen 1, 5Gbps)

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	1 - Power and Activity
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Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-10C to 65C (14F to 149F)
Humidity	Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH

Physical Characteristics

Color	Black
Material	Aluminum and Plastic
Cable Length	10.7 in [273 mm]
Max Drive Height	0.4 in [9.5 mm]
Product Length	5.5 in [13.9 cm]
Product Width	3.3 in [8.3 cm]
Product Height	0.6 in [1.5 cm]
Weight of Product	4.4 oz [126.0 g]

Packaging Information

Package Quantity	1
Package Length	7.4 in [18.9 cm]
Package Width	6.0 in [15.3 cm]
Package Height	1.6 in [41.0 mm]
Shipping (Package) Weight	8.0 oz [226.0 g]

What's in the Box

Included in Package	1 - USB 3.1 2.5" SATA SSD/HDD enclosure with USB-C cable 3 - enclosure assembly screws
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3 - drive-mount hardware screws

1 - screwdriver

1 - quick install guide

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