

USB 3.1 (10Gbps) Tool-Free Enclosure for 2.5in SATA SSD/HDD - USB-C

Product ID: S251BPU31C3



Take your valuable data with you wherever you go. This single drive enclosure for 2.5" SSDs/HDDs lets you utilize the USB-C port on your MacBook, Chromebook Pixel, Dell Latitude 11 5000 Series 2-in-1, or other device to add ultra-fast, ultra-portable data storage.

The enclosure's compact design and lightweight construction provides a highly portable solution for adding external data storage to any device with USB-C. It tucks easily into a laptop bag or carrying case for portable storage, and it's completely tool-free so you can install your drives quickly on the fly. The enclosure is powered directly from the USB port, with no external power required, so there's no need to carry along an adapter.

The drive enclosure comes with a USB-C to Micro B cable. The USB Type-C connector is small and reversible, which makes for easier insertions. You can connect the USB-C plug quickly with either side facing up, which means less risk of damaging your ports and less frustration.

With support for SATA I, II and III and large capacity drives (tested with hard drives up to 2TB), this USB-C enclosure is compatible with virtually any 2.5in. SATA hard drive or solid-state drive. The enclosure delivers USB 3.1 Gen 2 performance with data transfer speeds of up to 10Gbps, letting you leverage the high performance of the latest SSDs and hard drives while alleviating bottlenecks in your data transfers. It's also enhanced with UASP, which increases read and write speeds, to utilize the full potential of your SATA III drives.

USB 3.1 gives you greater bandwidth and speed with file transfer rates of up to 10Gbps - twice the capability of USB 3.0 technology.

The S251BPU31C3 is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Take advantage of new laptops and tablets that feature a USB-C port and ultra-fast USB 3.1 (10Gbps) connectivity
- Create fast, portable external storage for MacBook, Chromebook Pixel, Dell Latitude 11 5000 Series 2-in-1 and other devices
- Use your SATA SSD/HDDs at maximum speed
- Back up important data to an external storage device
- Share large files between computers quickly and securely without a network
- Retrieve data from an old SATA drive, or turn the unused drive into additional external storage space

Features

- Utilize the USB-C port on your laptop or tablet to create portable external storage for a 2.5" SSD/HDD
- Get ultra-fast data transfer rates through USB 3.1 (10Gbps)
- Tool-free design and lightweight enclosure for easy installation and convenient portability
- Supports SATA I, II and III (up to 6Gbps)
- Supports drives 5mm, 7mm and 9.5mm in height
- UASP support for enhanced performance
- Powered directly from the USB port
- Includes a USB-C to Micro B cable

Hardware

Warranty	2 Years
Fan(s)	No
Interface	USB 3.1 Gen 2
Bus Type	USB 3.1 Gen 2
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Fixed
Chipset ID	ASMedia - ASM1351



Performance

Maximum Data Transfer Rate	10 Gbps
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)
Max Drive Capacity	Currently tested with hard drives up to 2TB at 7200 RPM

Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	USB 3.1 USB Type Micro-B (10 pin, Gen 2, 10 Gbps)
Other Interface(s)	USB Type-C (24 pin) USB 3.1 (10Gbps) USB 3.1 USB Type Micro-B (10 pin, Gen 2, 10 Gbps)

Software

OS Compatibility	OS independent; No software or drivers required
------------------	---

Special Notes / Requirements

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

Indicators

LED Indicators	Power & Activity
----------------	------------------

Power

Power Source	USB-Powered
--------------	-------------

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	Plastic
Max Drive Height	0.4 in [9.5 mm]
Product Length	5.2 in [13.2 cm]
Product Width	3.5 in [88 mm]
Product Height	0.6 in [15 mm]
Weight of Product	2.4 oz [69 g]

Packaging Information

Package Length	5.4 in [13.7 cm]
Package Width	7.0 in [17.8 cm]
Package Height	1.7 in [43 mm]
Shipping (Package) Weight	6.4 oz [180 g]

What's in the Box

Included in Package	USB 3.1 to 2.5" SATA HDD enclosure
	drive cushion
	USB-C to Micro B cable - 20.25 inches
	quick start guide

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

