

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

**Product ID:** S251BMU313



Now, access your data in record time with the superior performance of USB 3.1 Gen 2 (10 Gbps). This single-drive enclosure gives you a powerful external storage solution.

The enclosure turns your 2.5in SATA solid-state or hard drive into ultra-fast, ultra portable data storage. Its lightweight, compact design allows it to be tucked easily into a laptop bag or carrying case. Engineered with a durable and sleek brushed aluminum housing, it's equipped to keep your data safe and secure wherever you go.

USB 3.1 Gen 2 gives you greater bandwidth and speed with file transfer 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.

The enclosure connects easily to a host computer through USB 3.1 Gen 2, with no external power required. It is equipped with a USB A to Micro B cable, providing backward compatibility with existing USB ports or hardware. It also provides UASP support for enhanced performance.

The S251BMU313 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 desktops with ultra-fast USB 3.1 Gen 2 (10 Gbps) connectivity
- Use your SATA SSD/HDDs at maximum speed
- Create a fast, portable external storage solution for desktops, laptops or netbooks with this metal enclosure, providing durable performance in demanding environments

- Back up important data to an external storage device
- Share large files between computers quickly and securely without a network
- Retrieve data from old SATA drive, or turn the unused drive into additional external storage space

## Features

- Create an ultra-fast USB 3.1 Gen 2 (10 Gbps) storage solution for a single 2.5" SSD or HDD drive
- Supports SATA I, II and III (up to 6 Gbps)
- Compact, portable design in a sleek brushed aluminum enclosure
- Powered directly from the USB port
- USB A to Micro B cable for easy compatibility
- Backward compatible with USB 3.0, 2.0 and 1.x
- UASP support for enhanced performance

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## 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

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## 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

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#### 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)

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#### 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	Power & Activity
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#### Power

Power Source	USB-Powered
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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

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#### Physical Characteristics

Color	Black
Material	Aluminum
Max Drive Height	0.4 in [9.5 mm]
Product Length	4.8 in [12.3 cm]
Product Width	3.0 in [75 mm]



Product Height	0.5 in [12 mm]
Weight of Product	2.8 oz [78 g]

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**Packaging Information**

Package Length	6.4 in [16.2 cm]
Package Width	5.1 in [13 cm]
Package Height	1.3 in [33 mm]
Shipping (Package) Weight	5.8 oz [164 g]

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**What's in the Box**

Included in Package	USB 3.1 to SATA enclosure
	USB 3.1 A to Micro B cable - 18 inches
	assembly screws
	quick start guide
	screwdriver
	protective case
	7mm - 9.5mm SSD spacer

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

