

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

**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
- Create a fast, portable external storage solution for desktops, laptops or netbooks with this metal enclosure, providing durable performance in demanding environments
- 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 old SATA drive, or turn the unused drive into additional external storage space

## Features

- **SLEEK, PORTABLE DESIGN:** Engineered with a sleek brushed aluminum housing, the lightweight 2.5in SATA enclosure works with hard drives (HDDs) and solid-state drives (SSDs), and is designed to keep your data safe and secure
- **INCREASED PERFORMANCE:** The USB 3.2 Gen 2 to 2.5in SATA hard drive enclosure gives you greater bandwidth and speed with file transfer rates of up to 10 Gbps, and has been tested with hard drives up to 2TB at 7200 RPM; Equipped with Power and Activity LED
- **MAXIMUM COMPATIBILITY:** The USB 3.2 Gen 2 external hard drive enclosure connects easily to a host computer through USB 3.2 Gen 2, with no external power required. It also has a USB A to Micro B cable
- **ADDITIONAL SUPPORT:** This laptop HDD enclosure includes an 18in (46cm) USB-A host cable, 7-9.5mm drive spacer, protective case, and screwdriver
- **THE IT PRO'S CHOICE:** Designed and built for IT Professionals, this TAA-compliant 2.5in SATA drive enclosure is backed for 2 years, including free lifetime 24/5 multi-lingual technical assistance

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### 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

Chipset ID	ASMedia - ASM1351	
<b>Performance</b>		
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	
<b>Connector(s)</b>		
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin)	
Host Connectors	1 - USB 3.2 USB Type Micro-B (10 pin, Gen 2, 10 Gbps)	
<b>Software</b>		
OS Compatibility	OS independent; No software or drivers required	
<b>Special Notes / Requirements</b>		
Note	Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices.	
<b>Indicators</b>		
LED Indicators	1 - Power & Activity	
<b>Power</b>		
Power Source	USB-Powered	
<b>Environmental</b>		
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
Max Drive Height	0.4 in [9.5 mm]
Product Length	4.8 in [12.3 cm]
Product Width	3.0 in [7.5 cm]
Product Height	0.5 in [1.2 cm]
Weight of Product	2.8 oz [78.0 g]

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**Packaging  
Information**

Package Quantity	1
Package Length	6.3 in [16.0 cm]
Package Width	5.0 in [12.8 cm]
Package Height	1.2 in [3.0 cm]
Shipping (Package) Weight	5.9 oz [166.0 g]

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**What's in the Box**

Included in Package	1 - USB 3.1 to SATA enclosure
	1 - USB 3.1 A to Micro B cable - 18 inches
	1 - 7mm - 9.5mm SSD spacer
	1 - protective case
	4 - assembly screws
	1 - screwdriver
	1 - quick start guide

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**Warranty  
Information**

Warranty	2 Years
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*\*Product appearance and specifications are subject to change without notice.*

