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

• 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

• 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

• UASP support for enhanced performance

• 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

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)
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	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]

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]

What's in the Box

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

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