Drive Enclosure for 2.5" SATA SSDs/HDDs - USB 3.1 (10Gbps) - USB-A, USB-C

Product ID: S251BU31315

This USB 3.1 Gen 2 single-drive enclosure gives you an ultra-fast, portable external storage solution for 2.5" hard drives or solid-state drives up to 15 mm in height. The enclosure provides quick access to your data wherever you go and it lets you retain your data after an upgrade to a new SSD or HDD in your computer.

The drive enclosure lets you leverage the high performance of the latest SSDs and HDDs. USB 3.1 Gen 2 also gives you greater bandwidth and speeds up to 10Gbps for ultra-fast access to your data. IT professionals, medical personnel, researchers, creative professionals and anyone else who needs easy access to their data on the go will benefit from this portable drive enclosure. The enclosure lets you quickly access your data, to browse your files and edit your documents.

The enclosure also provides you with easy drive access for data migration, drive cloning, and data backups so that you can safeguard your data at all times.

Unlike most drive enclosures, which only support SATA SSDs and HDDs up to 9.5 mm in height, this enclosure is compatible with virtually all 2.5" SATA drives up to 15 mm in height. Plus, it comes with a USB Type-C to Micro-B cable, for connecting to newer USB-C enabled laptops, tablets, and phones. A USB Type-A to Micro-B cable is also included to ensure backward compatibility with your existing USB 3.0 and 2.0 devices.

The enclosure is powered directly from the USB port on your device, which means no external power is required. For portable storage, you can tuck it away inside your laptop bag or carrying case and take it anywhere -- from your home to the office, the hospital, the lab, or out in the field, so that you can access your data wherever you go.

The enclosure is engineered with a sleek and durable aluminum housing to help keep your data safe and secure wherever you go. Its aluminum housing and venting help to dissipate heat and passively cool the drive in order to help prevent drive failure and data loss.

The S251BU31315 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 or USB-A laptop or tablet using a 2.5 in. solid-state drive or hard drive that ranges from 5 mm to 15 mm in height

• 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

Features

• Turn a 2.5" drive into fast USB 3.1 external storage for your USB-C enabled tablet or laptop

• Supports 5 mm - 15 mm drive height

• Backward compatible, for use with your older USB 3.0 and 2.0 devices

• Supports SATA I, II, III (up to 6Gbps)

• Sleek, durable aluminum housing

• Powered directly from the USB port

• UASP support for enhanced performance

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
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
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	0.6 in [15 mm]
Product Length	4.7 in [12 cm]

	Product Width	3.0 in [75 mm]
	Product Height	0.8 in [21.5 mm]
	Weight of Product	3.7 oz [105 g]

Packaging Information

	Package Length	7.0 in [17.8 cm]
	Package Width	5.2 in [13.3 cm]
	Package Height	1.6 in [41 mm]
	Shipping (Package) Weight	8.8 oz [250 g]

What's in the Box

	Included in Package	drive enclosure
		USB-C to Micro-B cable
		USB-A to Micro-B cable
		screwdriver
		drive-mount screws
		enclosure screws
		quick-start guide

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