

2.5" Aluminum USB 3.0 SATA III Hard Drive Enclosure w/ UASP - SSD/HDD Height up to 12.5mm

Product ID: S2510SM12U33



The S2510SM12U33 USB 3.0 to SATA hard drive enclosure with UASP enables you to connect a 2.5" SATA hard drive or solid state drive to your computer through an available USB port.

With support for drives up to 12.5mm in height, and high-capacity SATA I/II/III drives (tested up to 1TB) this versatile USB 3.0 enclosure ensures compatibility with virtually any 2.5" SATA hard drive or solid state drive.

To maximize performance and better utilize the full potential of your SATA III SSD/HDD the enclosure supports UASP, which allows for transfer speeds up to 70% faster than conventional USB 3.0 when paired with a UASP-enabled host controller. See our UASP testing results below for further details.

The USB 3.0 enclosure features a sleek design with high-quality aluminum construction and ventilation, ensuring excellent heat dissipation.

To ensure compatibility with your computer system, the S2510SM12U33 supports all of the leading operating systems, including: Microsoft Windows (8/7/Vista/XP/Server 2008/Server 2003), Apple OSX (10.9/10.8/10.7/10.6), Linux, and Google Chrome OS.

The S2510SM12U33 requires no external power adapter to maximize portability when carried as a laptop accessory and is backed by a StarTech.com 2-year warranty and free lifetime technical support.

UASP is supported in Windows 8, Mac OSX (10.8 or above), and Linux. In testing UASP performs with a 70% faster read speed and 40% faster write speed over traditional USB 3.0 at peak performance.

At the same peak in testing UASP also shows an 80% reduction in required processor resources.

Testing results were obtained using an Intel Ivy Bridge system, a UASP enabled StarTech.com Enclosure, and a SATA III solid state drive.

Certifications, Reports and Compatibility

Applications

- Back up important data to an external storage device
- Share large files between computers quickly and securely without a network
- Connect a larger capacity SATA SSD up to 12.5mm in height to your computer as an external USB 3.0 hard drive
- Take advantage of your new laptop or desktop with USB 3.0 (UASP) connectivity
- Create a fast, portable external storage solution for desktops, laptops or netbooks
- Add extra storage to almost any USB enabled computer system
- Retrieve data from old SATA drive, or turn the unused drive into additional external storage space
- Use as a portable hard drive that can travel with your laptop

Features

- Supports 2.5" SSD/HDD up to 12.5mm in height
- UASP Support (Attached SCSI Protocol Specification Revision 1.0)
- Compatible with USB 3.0/2.0/1.1 (5Gbps/480Mbps/12Mbps)
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- USB powered
- Solid Aluminum Enclosure

Hardware

Warranty	2 Years
Fan(s)	No
Interface	USB 3.0
Bus Type	USB 3.0
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Fixed



Number of 2.5 inch bays	1
Chipset ID	ASMedia - ASM1053 - 6G

Performance

Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Type and Rate	SATA III (6 Gbps)
Max Drive Capacity	Currently tested with up to 1TB 7200 RPM hard drives

Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	USB 3.0 Micro-B (10 pin, SuperSpeed)

Software

OS Compatibility	OS independent; No software or drivers required
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Special Notes / Requirements

System and Cable Requirements	Available USB port
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Indicators

LED Indicators	Power/Activity LED
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Power

Power Source	USB-Powered
Input Voltage	5 DC
Center Tip Polarity	Positive
Plug Type	H

Environmental

Operating Temperature	5C to 35C (41F to 95F)
Storage Temperature	-20C to 70C (-4F to 158F)
Humidity	5% ~ 95% RH



Physical Characteristics

Color	Silver
Material	Aluminum
Max Drive Height	0.5 in [12.5 mm]
Product Length	4.9 in [12.5 cm]
Product Width	3.1 in [78 mm]
Product Height	0.9 in [24 mm]
Weight of Product	4.3 oz [122 g]

Packaging Information

Package Length	6.3 in [16 cm]
Package Width	5.1 in [13 cm]
Package Height	1.9 in [48 mm]
Shipping (Package) Weight	8.6 oz [245 g]

What's in the Box

Included in Package	USB 3.0 SATA HDD Enclosure
	USB 3.0 A to Micro B Cable
	Screw kit
	Foot pad set
	Instruction Manual

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

