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Data Sheet

2.5in Aluminum USB 3.0 External SATA III SSD Hard Drive Enclosure with UASP for SATA 6 Gbps – Portable External HDD

Product ID: S2510BMU33

The S2510BMU33 USB 3.0 Hard Drive Enclosure with UASP lets you connect a 2.5in SATA III hard drive (HDD) or solid state drive (SSD) through an available USB port. The enclosure delivers optimal performance with a USB 3.0 connection, but is backward compatible with USB 2.0/1.1 host connections as well.

Enhanced with UASP (USB Attached SCSI Protocol), this 2.5" SATA III enclosure performs up to 70% faster than conventional USB 3.0 when paired with a UASP-enabled host controller. Using a more efficient protocol than the traditional USB BOT (Bulk-Only Transport), UASP reduces latency, significantly increasing transfer speeds and reducing processor usage to utilize the full potential of your SATA III hard drives. See our UASP testing results below for further details.

With support for SATA I/II/III, and large capacity drives (tested up to 1TB) this HDD enclosure is compatible with virtually any 2.5in SATA hard drive, and greatly increase the storage/backup capabilities of your computer.

The USB 3.0/SATA III enclosure requires no external power adapter and features high quality aluminum construction, ensuring both portability and durability when carried as a laptop accessory.

To ensure compatibility with your computer system, the S2510BMU33 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™.

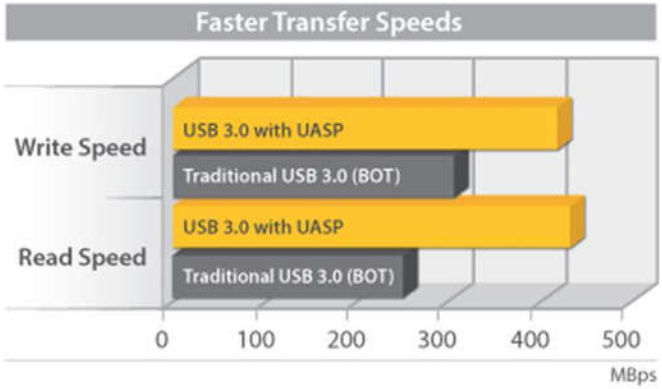
Backed by a StarTech.com 2-year warranty and free lifetime technical support.

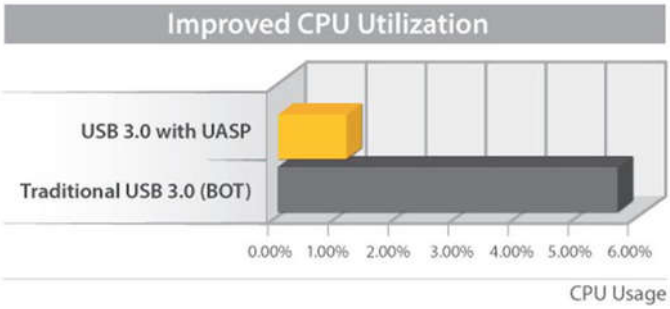
Improved Performance with UASP

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

RoHS Compliant Available

Applications

- Take advantage of new laptops and desktops with USB 3.0 (UASP) connectivity
- Create a fast, portable external storage solution for desktops, laptops or netbooks
- Upgrade from a USB 2.0 drive enclosure to faster USB 3.0
- Add extra storage to almost any USB enabled computer system
- 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

- Compliant with USB Attached SCSI Protocol (UASP) Transport Specifications
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Light weight and durable aluminum enclosure
- Powered directly from the USB port
- SuperSpeed USB 3.0 compliant host interface supporting data transfer rates up to 5Gbps
- High Speed USB 2.0 compliant host interface, with transfer rates up to 480Mbps
- Power/Activity LED indicator
- Plug-and-Play and Hot-Swap compatible

	Warranty	2 Years
Hardware	Chipset ID	ASMedia - ASM1053 - 6G
	Compatible Drive Types	SATA
	Drive Installation	Fixed
	Drive Size	2.5in
	Fan(s)	No
	Interface	USB 3.0
	Number of Drives	1
Performance	Max Drive Capacity	Currently tested with up to 1TB 5400 RPM hard drives
	RAID	No
	Type and Rate	USB 3.0 - 5 Gbit/s
		SATA III (6 Gbps)
	UASP Support	Yes
Connector(s)	Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Female
	Host Connectors	1 - USB 3.0 Micro-B (10 pin, SuperSpeed) Female
Software	OS Compatibility	OS independent; No software or drivers required
Special Notes / Requirements	System and Cable Requirements	Available USB port
Indicators	LED Indicators	1 - Power & Activity
Power	Power Source	USB-Powered
Environmental	Humidity	Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH
	Operating Temperature	0°C to 40°C (32°F to 104°F)
	Storage Temperature	-10°C to 65°C (14°F to 149°F)
Physical Characteristics	Color	Black
	Enclosure Type	Aluminum and Plastic
	Max Drive Height	0.4 in [9.5 mm]
	Product Height	0.6 in [15.5 mm]
	Product Length	4.7 in [120 mm]
	Product Weight	3.2 oz [92 g]
	Product Width	3 in [77 mm]

Packaging Information	Shipping (Package) Weight	7.6 oz [216 g]
What's in the Box	Included in Package	1 - 2.5” USB 3.0 SATA III HDD Enclosure 1 - Screw Kit 1 - 18" USB 3.0 Cable 1 - Product Manual

Product appearance and specifications are subject to change without notice.