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

Product ID: S2510BPU33

The S2510BPU33 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 increases the storage/backup capabilities of your computer.

For added portability the USB 3.0/SATA III enclosure features tool-less HDD installation, and requires no external power adapter.

To ensure compatibility with your computer system, the S2510BPU33 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.
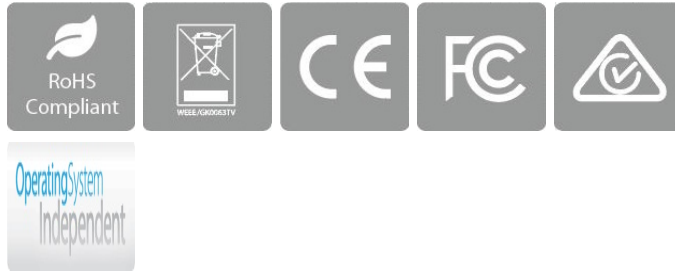
Backed by a StarTech.com 2-year warranty and free lifetime technical support.

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.

<h6>Testing results were obtained using an Intel Ivy Bridge system, a UASP enabled StarTech.com Enclosure, and a SATA III solid state drive.</h6>

Certifications, Reports and Compatibility

RoHS Compliant WEEE/GK0063TV CE FC (approval mark)

OperatingSystem Independent

Applications

• Take advantage of new laptops and desktops with USB 3.0 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-on 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 SATA drive, or turn the unused drive into additional external storage space

Features

• EXTERNAL SATA ENCLOSURE: This 2.5in External Hard Drive Enclosure enables access to a 2.5in SATA SSD (solid-state drive) or HDD (hard drive) over a USB 3.2 Gen 1 (5 Gbps) connection; Ideal for file transfer, data recovery, or backup

• DURABLE & PORTABLE: Durable black ABS housing protects your 2.5in SATA SSD/HDD and features a toolless design for convenient drive access and setup; USB bus-powered, no external adapter required; Includes HDD pad and 18in USB cable

• DRIVE COMPATIBILITY: Compatible with 2.5in SATA SSDs (solid-state drives) and HDDs (hard drives) up to 9.5mm drive height; Supports SATA I/II/III with UASP; Power/Activity LED indicator

• HOST COMPATIBILITY: This 2.5in external SATA enclosure supports any operating system, no software or driver required; Supports USB 3.2 Gen 1 (5 Gbps) and backward compatible with USB 3.0 and USB 2.0

• THE IT PRO'S CHOICE: Designed and built for IT professionals, this 2.5in external SATA 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 1 (5Gbps)
Number of Drives	1
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Fixed
Chipset ID	ASMedia - ASM1053

Performance

Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Type and Rate	SATA III (6 Gbps)
Hardware Raid Supported	No
Max Drive Capacity	Currently tested with up to 1TB 5400 RPM hard drives

Connector(s)

Drive Connectors	1 - SATA Data & Power Combo (7+15 pin)
Host Connectors	1 - USB 3.0 Micro-B (10 pin, SuperSpeed)

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

Physical Characteristics		
	Color	Black
	Material	Plastic
	Max Drive Height	0.4 in [9.5 mm]
	Product Length	5.2 in [13.2 cm]
	Product Width	3.5 in [88.0 mm]
	Product Height	0.6 in [1.5 cm]
	Weight of Product	2.5 oz [72 g]

Packaging Information		
	Package Quantity	1
	Package Length	6.9 in [17.5 cm]
	Package Width	5.3 in [13.5 cm]
	Package Height	1.7 in [42 mm]
	Shipping (Package) Weight	6.7 oz [190 g]

What's in the Box		
	Included in Package	1 - 2.5" USB 3.0 to SATA III HDD Enclosure
		1 - HDD Pad
		1 - 18" USB 3.0 Cable
		1 - Product Manual

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