3.5in Black USB 3.0 External SATA III Hard Drive Enclosure with UASP for SATA 6 Gbps – Portable External HDD

StarTech ID: S3510BMU33

The S3510BMU33 Black USB 3.0 Hard Drive Enclosure with UASP lets you connect a 3.5in SATA III hard drive (HDD) 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 3.5" 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.
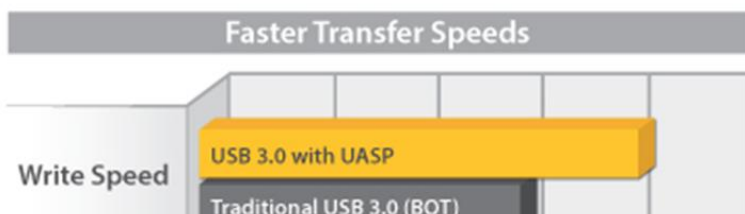
With support for SATA I/II/III, and large capacity drives (tested up to 4TB) this HDD enclosure is compatible with virtually any 3.5in SATA hard drive, and can greatly increase the storage/backup capabilities of your computer.
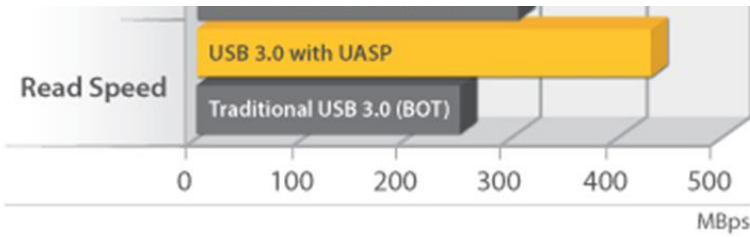
The USB 3.0/SATA III enclosure features high quality aluminum construction, ensuring durability.

Backed by a StarTech.com 2-year warranty and free lifetime technical support.
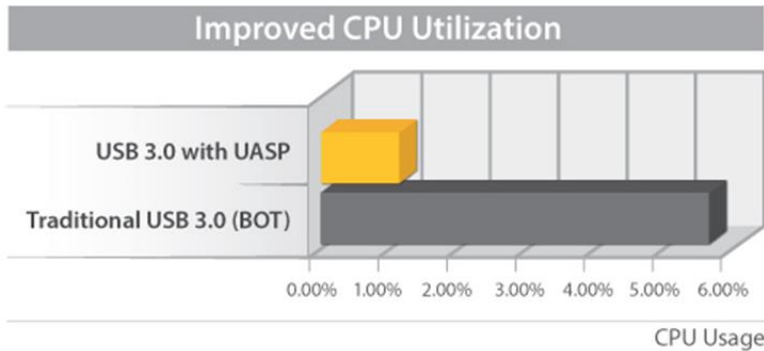
Improved Performance with UASP

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.

Faster Transfer Speeds

Write Speed | USB 3.0 with UASP

Traditional USB 3.0 (BOT)

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.

Applications

- Take advantage of new laptops and desktops with USB 3.0 (UASP) connectivity
- Turn a high capacity SATA hard drive into portable, external storage
- 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
- Backup important data to an external storage device
- Share large files between computers quickly and securely without a network
- Retrieve data from an old SATA drive, or turn the unused drive into additional external storage space

Features

- Compliant with USB Attached SCSI Protocol (UASP) Transport Specifications
- Light-weight and durable aluminum enclosure
- 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
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Plug-and-Play and Hot-Swap compatible
- Vented Drive Tray

Technical Specifications

Warranty	2 Years
Chipset ID	ASMedia - ASM1053 - 6G
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Drive Size	3.5in
Fan(s)	No
Interface	USB 3.0
Number of Drives	1
Max Drive Capacity	Currently tested with up to 4TB 7200 RPM hard drives
RAID	No
Type and Rate	USB 3.0 - 5 Gbit/s
Type and Rate	SATA III (6 Gbps)
UASP Support	Yes
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Female
Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
OS Compatibility	OS independent; No software or drivers required
System and Cable Requirements	Available USB port
LED Indicators	1 - Power & Activity
Center Tip Polarity	Positive
Input Current	0.6 A
Input Voltage	100 ~ 240 AC
Output Current	2 A
Output Voltage	12 DC
Power Source	AC Adapter Included
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)
Color	Black
Enclosure Type	Aluminum and Plastic
Product Height	4.5 in [115.4 mm]
Product Length	7.5 in [191.5 mm]
Product Weight	11.2 oz [317 g]
Product Width	1.2 in [31.4 mm]

Shipping (Package) Weight	1.7 lb [0.8 kg]
Included in Package	1 - 3.5" USB 3.0 SATA III HDD Enclosure
Included in Package	1 - Screw Kit
Included in Package	1 - Universal Power Adapter (NA / UK / EU)
Included in Package	1 - USB 3.0 Cable
Included in Package	1 - HDD Stand
Included in Package	1 - Product Manual

Certifications, Reports and Compatibility