

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

StarTech 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.

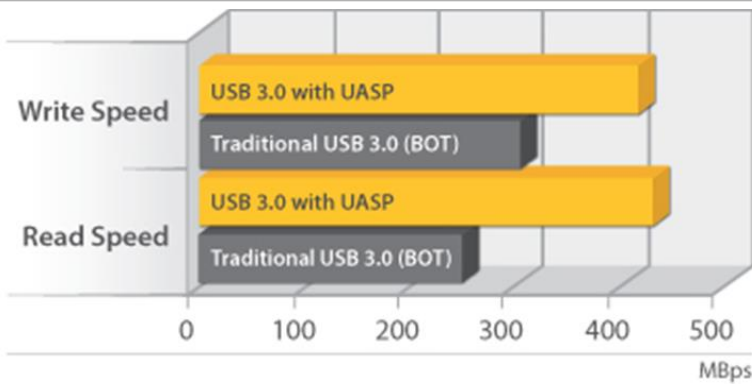
To ensure compatibility with your computer system, the S2510BPU33 supports all of the leading operating systems, including: Microsoft Windows® (8/7/Vista/XP/Server 2008/Server 2003), Apple® OSX (10.9/10.8/10.7/10.6), Linux, and Google Chrome OS™.

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

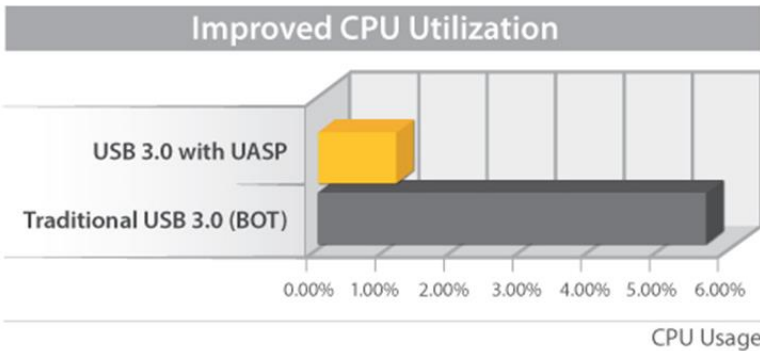
Improved Performance with UASP

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



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 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

- Compliant with USB Attached SCSI Protocol (UASP) Transport Specifications
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Tool-less installation
- Powered directly from the USB port
- Compatible with USB revision 3.0/2.0/1.1 (5 Gbps/480 Mbps/1.5 Mbps)
- Power/Activity LED indicator
- Plug-and-Play and Hot-Swap compatible

Technical Specifications

| | |
|--|---|
| Warranty | 2 Years |
| Chipset ID | ASMedia - ASM1053 |
| Compatible Drive Types (Type and Rate) | SATA |
| Drive Installation | Fixed |
| Drive Size | 2.5in |
| Fan(s) | No |
| Interface | USB 3.0 |
| Number of Drives | 1 |
| Max Drive Capacity | Currently tested with up to 1TB 5400 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) |
| Host Connectors | 1 - USB 3.0 Micro-B (10 pin; SuperSpeed) |
| OS Compatibility | OS independent; No software or drivers required |
| System and Cable Requirements | Available USB port |
| LED Indicators | 1 - Power & Activity |
| Power Source | USB-Powered |
| Humidity | Operation Humidity: 10% ~ 90% RH Storage Humidity: 5% ~ 95% RH |
| Color | Black |
| Enclosure Type | Plastic |
| Max Drive Height | 0.4 in [9.5 mm] |
| Product Height | 0.6 in [15 mm] |
| Product Length | 5.2 in [131.9 mm] |
| Product Weight | 2.5 oz [70.1 g] |
| Product Width | 3.5 in [88 mm] |
| Shipping (Package) Weight | 0.4 lb [0.2 kg] |
| Included in Package | 1 - 2.5" USB 3.0 to SATA III HDD Enclosure |
| Included in Package | 1 - HDD Pad |
| Included in Package | 1 - 18" USB 3.0 Cable |
| Included in Package | 1 - Product Manual |

Certifications, Reports and Compatibility

