

USB 3.0 eSATA Dual 3.5" SATA III Hard Drive External RAID Enclosure w/ UASP and Fan – White

StarTech ID: S3520WU33ER



The S3520WU33ER 2-Bay RAID Enclosure with UASP enables you to build a secure external RAID array with two 3.5" SATA hard drives, connected to your computer through an available USB 3.0 or eSATA port.

For fast performance and efficient data transfers the enclosure supports SATA III transfer speeds -- up to 6 Gbps when connected through eSATA. The versatile RAID enclosure can also be connected through USB 3.0, with support for UASP, performing 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.

This versatile external RAID enclosure features a built-in hardware RAID controller, supporting JBOD, Spanning, RAID 0, and RAID 1 -- to achieve greater drive capacity, or secure data redundancy.

To maximize both durability and reliability, the enclosure features high-quality aluminum construction with a built-in fan for better ventilation.

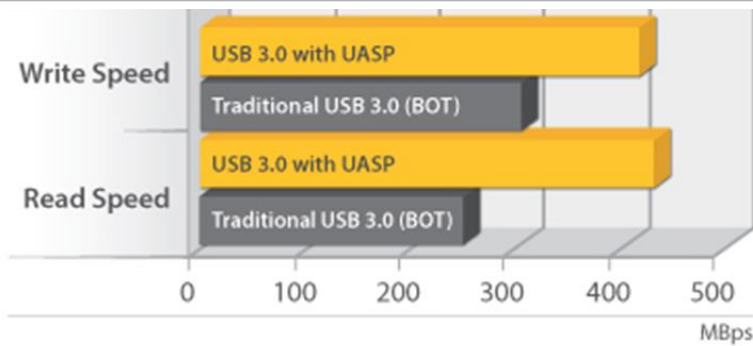
To ensure compatibility with your computer system, the S3520WU33ER supports all of the leading operating systems, including: Microsoft Windows® (8/7/Vista/XP/Server 2008/Server 2003), Apple® OSX (10.9/10.8/10.7/10.6), Linux, and Google Chrome OS™.

With a stylish white design and silver trim the S3520WU33ER looks great with Apple® computers is backed by a StarTech.com 2-year warranty and free lifetime technical support.

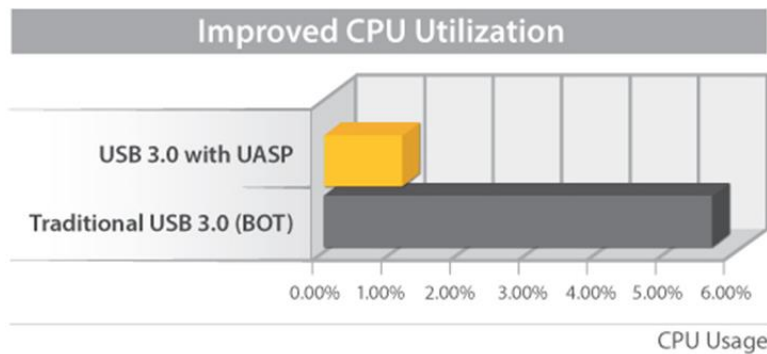
Improved Performance with UASP

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

- Build an external RAID 1 array for data redundancy, to protect against drive failure when working with important data
- Externally work with very large files securely in video editing or photography applications
- Quickly transfer large data files from your computer to a secure external RAID enclosure

Features

- UASP Support (Attached SCSI Protocol Specification Revision 1.0)
- eSATA or USB Host Connection
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Hardware RAID
- Plug-and-Play Compatible
- Dual Drive Bay
- Built-in Fan

Technical Specifications

Warranty	2 Years
Chipset ID	JMicron - JMS562
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Drive Size	3.5in
Fan Bearing Type	Ball Bearing
Fan(s)	Yes
Fans	80 mm
Interface	eSATA
Interface	USB 3.0
Number of Drives	2
Number of internal 3.5 inch bays	2
Hot Swap Capability	Yes
Max Drive Capacity	Currently tested with up to 4TB 7200 RPM hard drive
Port Multiplier	Yes
RAID	Yes
Supported RAID Modes	BIG (Spanning or Concatenation)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
Type and Rate	USB 3.0 - 5 Gbit/s
Type and Rate	SATA III (6 Gbps)
UASP Support	Yes
Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	eSATA (7 pin; Data)
Host Connectors	USB Type-B (9 pin) USB 3.0
Microsoft WHQL Certified	Yes
OS Compatibility	OS independent; No software or drivers required
LED Indicators	1 - Enclosure Power LED
LED Indicators	1 - Drive 1 Activity LED
LED Indicators	1 - Drive 2 Activity LED
Center Tip Polarity	Positive
Input Voltage	100 ~ 240 AC

Output Current	3 A
Output Voltage	12 DC
Plug Type	M
Power Source	AC Adapter Included
Humidity	20%RH ~ 80%RH
Operating Temperature	5°C to 35°C (41°F to 95°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Color	White
Enclosure Type	Aluminum and Plastic
Product Height	3.3 in [85 mm]
Product Length	6.9 in [176 mm]
Product Weight	21.9 oz [620 g]
Product Width	4.4 in [113 mm]
Shipping (Package) Weight	47.8 oz [1355 g]
Included in Package	1 - USB 3.0/eSATA HDD RAID Enclosure
Included in Package	1 - eSATA Cable
Included in Package	1 - USB 3.0 Cable
Included in Package	1 - Universal Power Adapter
Included in Package	3 - Regional power cords (NA/UK/EU)
Included in Package	1 - Rubber foot set
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

