

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

Product 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 and is 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.

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

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

Hardware

Warranty	2 Years
Fan(s)	Yes
Fans	80 mm
Interface	eSATA USB 3.0
Number of Drives	2
Drive Size	3.5in
Compatible Drive Types	SATA
Drive Installation	Fixed
Number of internal 3.5 inch bays	2



Fan Bearing Type	Ball Bearing
Chipset ID	JMicron - JMS562

Performance

Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Type and Rate	SATA III (6 Gbps)
Port Multiplier	Yes
Hardware Raid Supported	Yes
Supported RAID Modes	RAID 1 (Mirrored Disks) BIG (Spanning or Concatenation) RAID 0 (Striped Disks) JBOD - (Just a Bunch of Disks)
Max Drive Capacity	Currently tested with up to 4TB 7200 RPM hard drive
Hot Swap Capability	Yes

Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	USB Type-B (9 pin) USB 3.0 eSATA (7 pin, Data)

Software

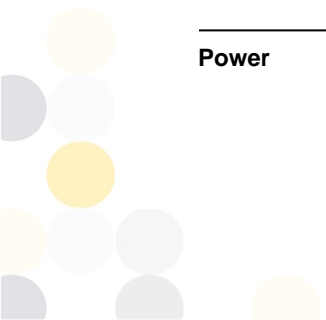
OS Compatibility	OS independent; No software or drivers required
Microsoft WHQL Certified	Yes

Indicators

LED Indicators	Enclosure Power LED Drive 1 Activity LED Drive 2 Activity LED
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Power

Power Source	AC Adapter Included
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Input Voltage	100 - 240 AC
Output Voltage	12V DC
Output Current	3 A
Center Tip Polarity	Positive
Plug Type	M
Power Consumption (In Watts)	36

Environmental

Operating Temperature	5C to 35C (41F to 95F)
Storage Temperature	-20C to 50C (-4F to 122F)
Humidity	20%RH ~ 80%RH

Physical Characteristics

Color	White
Material	Aluminum and Plastic
Product Length	6.9 in [17.6 cm]
Product Width	4.4 in [11.3 cm]
Product Height	3.3 in [85 mm]
Weight of Product	21.9 oz [620 g]

Packaging Information

Package Length	10.2 in [25.8 cm]
Package Width	5.5 in [13.9 cm]
Package Height	7.0 in [17.8 cm]
Shipping (Package) Weight	3.0 lb [1.4 kg]

What's in the Box

Included in Package	USB 3.0/eSATA HDD RAID Enclosure
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eSATA Cable

USB 3.0 Cable

Universal Power Adapter

Regional power cords (NA/UK/EU)

Rubber foot set

Instruction Manual

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

