

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

Product ID: S3520BU33ER



The S3520BU33ER 2-Bay RAID Enclosure offers a high-performance external storage solution, enabling you to build a secure RAID array with two 3.5" SATA hard drives, with the option to connect it to your computer through either an available USB 3.0 or eSATA port.

For fast data transfers and efficient performance from your SATA III drives, the RAID enclosure supports full SATA III transfer speeds (up to 6 Gbps), as well as full USB 3.0 transfer speeds (up to 5Gbps). When connected through USB, the enclosure supports UASP, which offers performance up to 70% faster than conventional USB 3.0 when paired with a UASP-enabled host controller (see our performance below).

With support for JBOD, Spanning, RAID 0, and RAID 1, the enclosure offers several options that enable you to customize your drive arrangement based on your storage requirements.

To maximize both durability and reliability, the external RAID enclosure features high-quality aluminum construction with a built-in fan that helps improve ventilation and maintain a better operating environment for your drives.

The HDD enclosure offers a versatile solution for increasing the storage/backup capabilities of your computer, with support for large capacity hard drives (tested up to 4TB).

To ensure compatibility with your computer system, the S3520BU33ER 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.

It 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

- Business applications that require external RAID storage for data redundancy
- Video editing or photography professional/enthusiasts working with very large file sizes
- Transfer large files between computers quickly and securely without a network
- Scenarios requiring easy storage transferability between different computer systems and large volume external storage for backups/archiving

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)
- Plug-and-Play Compatible
- Dual Drive Bay
- Hardware RAID
- Built-in Fan

Hardware	Warranty	2 Years
	Fan(s)	Yes
	Fans	40 mm
	Interface	eSATA
	Interface	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
UASP Support		Yes

Type and Rate	SATA III (6 Gbps)
Port Multiplier	Yes
Hardware Raid Supported	Yes
Supported RAID Modes	RAID 1 (Mirrored Disks)
Supported RAID Modes	BIG (Spanning or Concatenation)
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Supported RAID Modes	Currently tested with up to 4TB 7200 RPM hard drive
Max Drive Capacity	Yes
Hot Swap Capability	30,000 hours
MTBF	

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

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

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

Power	Power Source	AC Adapter Included
	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	Black
	Material	Aluminum and Plastic
	Product Length	6.9 in [1.8 cm]
	Product Width	4.4 in [1.1 cm]
	Product Height	3.3 in [85.000 mm]
	Weight of Product	21.9 oz [620.000 g]
Packaging Information	Package Length	10.1 in [2.6 cm]
	Package Width	7.1 in [1.8 cm]
	Package Height	5.5 in [1.4 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
	Included in Package	rubber foot set
	Included in Package	USB 3.0 cable
	Included in Package	instruction manual
	Included in Package	eSATA cable
	Included in Package	universal power adapter (NA,EU,UK)

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

