

## USB 3.0 Dual 3.5in SATA III Hard Drive RAID Enclosure with Fast Charge USB Hub & UASP

**Product ID:** S352BU33HR



The S352BU33HR 2-Bay RAID Enclosure lets you build an external RAID array using two 3.5" SATA hard drives, and add it to your computer through USB 3.0.

For optimal performance from your SATA III drives, the external RAID enclosure supports a UASP-enabled USB 3.0 host connection, which performs up to 70% faster than conventional USB 3.0 when paired with a UASP compatible host controller. (See UASP testing results below for more detail).

The RAID enclosure also lets you connect additional USB 3.0 devices to your computer, through an integrated 2-port USB 3.0 hub conveniently mounted on the front of the enclosure. The easy-to-reach hub also has fast charging capabilities, so you can charge your iPad, smartphone or other mobile devices as quickly as you would through a direct wall outlet connection.

To help maintain safe operating temperatures for your hard drives, the 2-drive enclosure features a built-in cooling fan to ensure proper air circulation and prevent your SATA drives from over-heating.

The enclosure features an integrated hardware RAID controller, which gives you the options you need to set up the array that best suits your storage application, including JBOD, Spanning, RAID 0, and RAID 1.

To ensure compatibility with your computer system, the S352BU33HR 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.

The S352BU33HR 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

- Supports SATA III (6 Gbps) and UASP (5 Gbps) for optimal performance
- Built-in 2-Port USB 3.0 Hub with fast charge capabilities
- Hardware RAID with support for RAID0 / RAID1 / BIG / JBOD
- Supports SATA revision I/II/III (1.5/3.0/6.0 Gbps)
- Supports USB 3.0 / 2.0 / 1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)

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#### Hardware

Warranty	2 Years
Fan(s)	Yes
Fans	80 mm
Interface	USB 3.0
Bus Type	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
Chipset ID	JMicron - JMS562

ASMedia – ASM1074

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**Performance**

Maximum Data Transfer Rate	5 Gbps
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Type and Rate	SATA III (6 Gbps)
Hardware Raid Supported	Yes
Supported RAID Modes	BIG (Spanning or Concatenation) JBOD - (Just a Bunch of Disks) RAID 0 (Striped Disks) RAID 1 (Mirrored Disks)
Max Drive Capacity	Currently tested with up to 6TB 7200 RPM
Hot Swap Capability	No

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**Connector(s)**

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

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**Software**

OS Compatibility	OS independent; No software or drivers required
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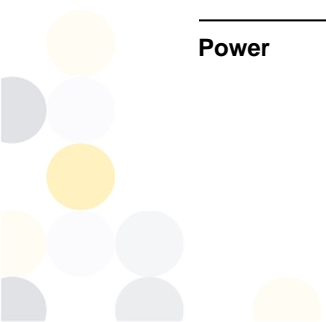
**Indicators**

LED Indicators	Power LED HDD 1 Activity HDD 2 Activity RAID 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	4 A
Power Consumption (In Watts)	48

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#### Environmental

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

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#### Physical Characteristics

Product Length	7.2 in [18.2 cm]
Product Width	4.5 in [11.6 cm]
Product Height	3.7 in [95.0 mm]
Weight of Product	26.2 oz [741.0 g]

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#### Packaging Information

Package Length	10.0 in [25.5 cm]
Package Width	5.5 in [13.9 cm]
Package Height	7.0 in [17.9 cm]
Shipping (Package) Weight	3.0 lb [1.4 kg]

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#### What's in the Box

Included in Package	USB 3.0 Hard Drive Enclosure
	USB 3.0 Cable
	Universal Power Adapter (NA/UK/EU)
	Instruction Manual

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

