

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

StarTech 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.

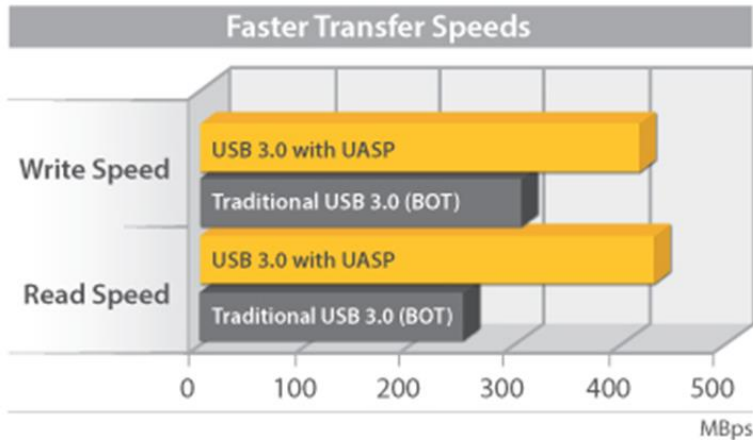
The enclosure features an integrated hardware RAID controller, which gives you the options you need to set up the array that best suits your storage application, including JBOD, Spanning, RAID 0, and RAID 1.

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™.

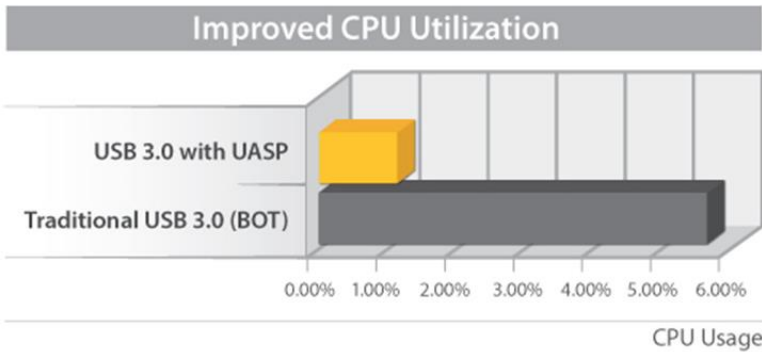
The S352BU33HR is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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.



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

- 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)

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	JMicron - JMS562 ASMedia – ASM1074
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Drive Size	3.5in
Fan(s)	Yes
Fans	1 - 80 mm
Interface	USB 3.0
Number of Drives	2
Number of internal 3.5 inch bays	2
Hot Swap Capability	No
Max Drive Capacity	Currently tested with up to 6TB 7200 RPM
Maximum Data Transfer Rate	5 Gbps
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
Connector Type(s)	1 - USB 3.0 A (Fast-Charge, 9 pin, SuperSpeed) Female
Drive Connectors	2 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
OS Compatibility	OS independent; No software or drivers required
LED Indicators	1 - Power LED
LED Indicators	1 - HDD 1 Activity
LED Indicators	1 - HDD 2 Activity
LED Indicators	1 - RAID LED
Input Voltage	100 ~ 240 AC
Output Current	4 A
Output Voltage	12 DC

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)
Product Height	95 mm [3.7 in]
Product Length	182 mm [7.2 in]
Product Weight	741 g [26.2 oz]
Product Width	115.5 mm [4.5 in]
Shipping (Package) Weight	1.4 kg [3 lb]
Included in Package	1 - USB 3.0 Hard Drive Enclosure
Included in Package	1 - USB 3.0 Cable
Included in Package	1 - Universal Power Adapter (NA/UK/EU)
Included in Package	1 - Instruction Manual

Certifications, Reports and Compatibility

