

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.

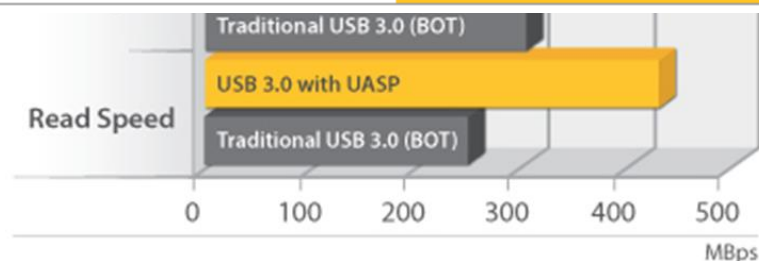
To ensure compatibility with your computer system, the S352BU33HR supports all of the leading operating systems, including: Microsoft Windows® (8/7/Vista/XP/Server 2008/Server 2003), Apple® OSX (10.9/10.8/10.7/10.6), Linux, and Google Chrome OS™;

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

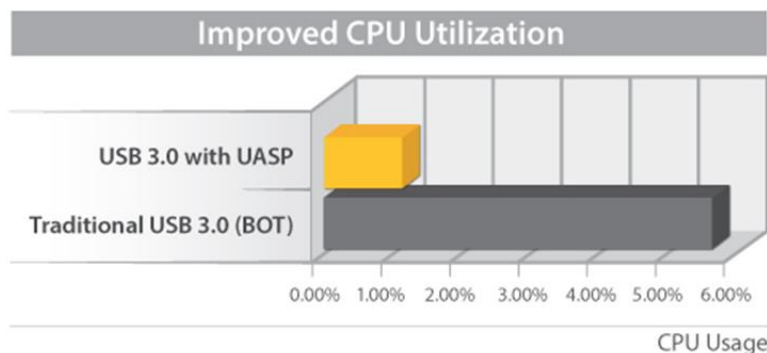
Improved Performance with UASP

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.

Spec Sheet



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)

Spec Sheet

Technical Specifications

Warranty	2 Years
Interface	USB 3.0
Bus Type	USB 3.0
Number of Drives	2
Drive Size	3.5in
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Number of internal 3.5 inch bays	2
Fan(s)	Yes
Fans	1 - 80 mm
Chipset ID	JMicron - JMS562 ASMedia – ASM1074
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 3.0 B (9 pin; SuperSpeed) Female
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)
RAID	Yes
Supported RAID Modes	BIG (Spanning or Concatenation)
Max Drive Capacity	Currently tested with up to 6TB 7200 RPM
Hot Swap Capability	No
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
OS Compatibility	Windows® 8/8.1 (32/64bit), 7 (32/64bit), Server 2008 (32/64), Vista(32/64), Server 2003 (32/64) XP(32/64), 2000 Apple® Mavericks (10.9) OSX Mountain Lion (10.8), Lion (10.7), Snow Leopard (10.6) Linux Google Chrome™ OS

Spec Sheet

LED Indicators	1 - Power LED
LED Indicators	1 - HDD 1 Activity
LED Indicators	1 - HDD 2 Activity
LED Indicators	1 - RAID LED
Power Source	AC Adapter Included
Input Voltage	100 ~ 240 AC
Output Voltage	12 DC
Output Current	4 A
Operating Temperature	5°C to 35°C (41°F to 95°F)
Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Humidity	20%RH~80%RH
Shipping (Package) Weight	3 lb [1.4 kg]
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

