

USB 3.0 / eSATA Dual-Bay Trayless 3.5" SATA III Hard Drive Enclosure with UASP – 2-Bay SATA 6 Gbps Hot-Swap HDD Enclosure

StarTech ID: S352BU33RER



The S352BU33RER 2-Bay RAID enclosure lets you build an external RAID array with two 3.5" SATA hard drives, and connect to your computer through USB 3.0 or eSATA.

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.

The external RAID enclosure features a hardware RAID controller, supporting JBOD, Spanning, RAID 0, and RAID 1 -- to achieve greater drive capacity, or secure data redundancy. The RAID controller is also front mounted for ease of access when changing your RAID mode.

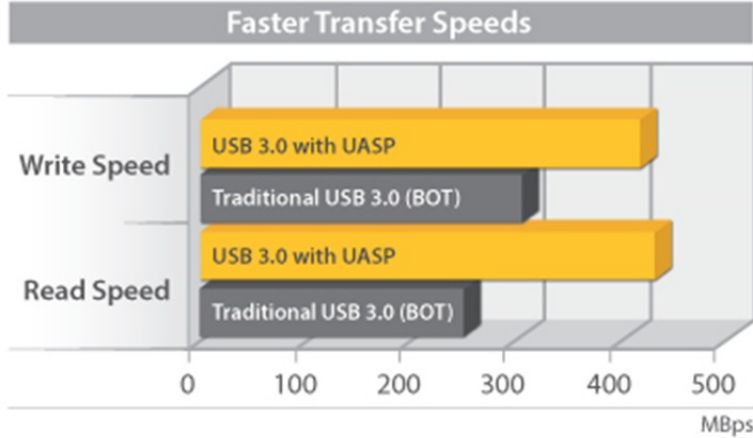
For fast and easy drive installation and removal, the dual drive enclosure features a convenient trayless system that eliminates having to mount and fasten your drives, saving time and hassle.

To ensure compatibility with your computer system, the S352BU33RER 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™.

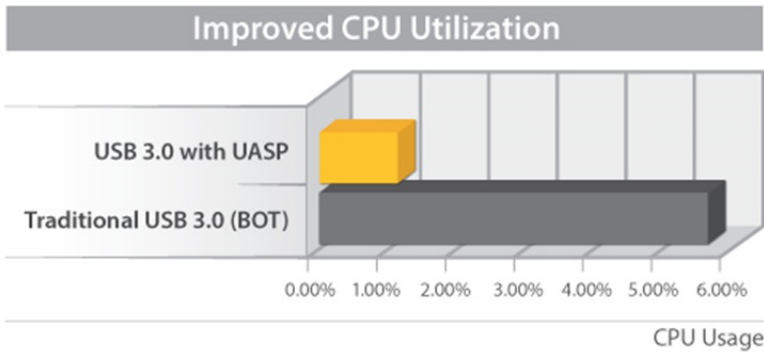
The S352BU33RER is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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
- Hardware RAID with support for RAID0 / RAID1 / BIG / JBOD
- Trayless removable HDD slots with drive locks
- Compatible with SATA revision I/II/III (1.5/3.0/6.0 Gbps) drives
- Compatible with USB 3.0/2.0/1.1 (5 Gbps / 480 Mbps / 1.5 Mbps)
- Front-mounted RAID controller
- USB 3.0 and eSATA cables included

Technical Specifications

Warranty	2 Years
Interface	USB 3.0 & eSATA
Bus Type	USB 3.0
Key Lock	Yes
Number of Drives	2
Drive Size	3.5in
Drive Type	SATA
Drive Installation	Removable
Number of internal 3.5 inch bays	2
Chipset ID	Jmicron - JM562
Drive Connectors	2 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - USB 3.0 B (9 pin; SuperSpeed) Female
Host Connectors	1 - eSATA (7 pin; Data) Female
Maximum Data Transfer Rate	6 Gbps
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
Type and Rate	SATA III (6 Gbps)
Port Multiplier	Yes
RAID	Yes
Supported RAID Modes	BIG (Spanning or Concatenation)
Max Drive Capacity	Currently tested with up to 4TB 7200 RPM 3.5" hard drives per bay (8TB total) and 2TB 5900 RPM 2.5" hard drives (2TB total)
Hot Swap Capability	Yes
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
LED Indicators	1 - HDD 1 Activity
LED Indicators	1 - HDD 2 Activity
LED Indicators	1 - RAID LED

Input Voltage	110 ~ 240 AC
Output Voltage	12 DC
Output Current	3 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	4.9 lb [2.2 kg]
Included in Package	1 - USB 3.0/eSATA Dual 3.5" SATA HDD Trayless Enclosure
Included in Package	1 - eSATA Cable
Included in Package	1 - USB 3.0 Cable
Included in Package	2 - Drive Bay Keys
Included in Package	1 - Universal Power Adapter (NA/UK/EU)
Included in Package	1 - Instruction manual

Certifications, Reports and Compatibility

