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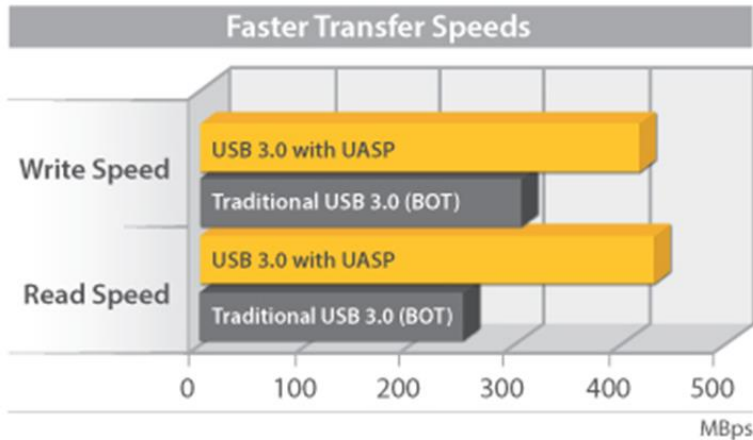
For fast and easy drive installation and removal, the dual drive enclosure features a convenient trayless system that eliminates having to mount and fasten your drives, saving time and hassle.

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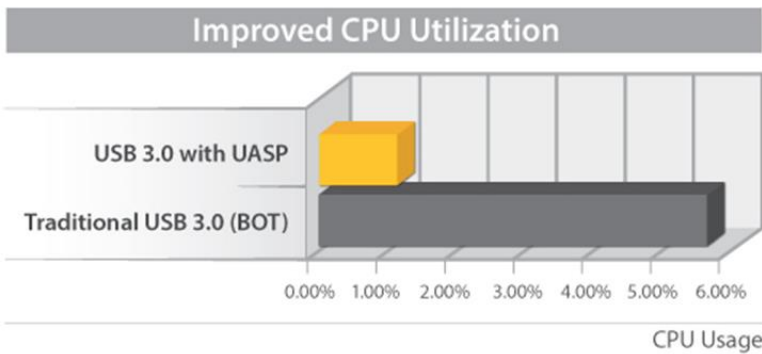
The S352BU33RER is backed by a StarTech.com 2-year warranty and free lifetime technical support.

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.

Faster Transfer Speeds

Write Speed
- USB 3.0 with UASP
- Traditional USB 3.0 (BOT)

Read Speed
- USB 3.0 with UASP
- Traditional USB 3.0 (BOT)

0   100   200   300   400   500
MBps

At the same peak in testing UASP also shows an 80% reduction in required processor resources.

Improved CPU Utilization

- USB 3.0 with UASP
- Traditional USB 3.0 (BOT)

0.00% 1.00% 2.00% 3.00% 4.00% 5.00% 6.00%
CPU Usage

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
Bus Type	USB 3.0
Chipset ID	JMicron - JMS562
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Removable
Drive Size	3.5in
Fan Bearing Type	Sleeve Bearing
Fan(s)	Yes
Fans	1 - 70 mm
Interface	USB 3.0 & eSATA
Key Lock	Yes
Number of Drives	2
Number of internal 3.5 inch bays	2
Air Flow Rate	12.72 CFM
Hot Swap Capability	Yes
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)
Maximum Data Transfer Rate	6 Gbps
Noise Level	26.24 dBa
Port Multiplier	Yes
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
Drive Connectors	2 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
Host Connectors	1 - eSATA (7 pin, Data) Female

OS Compatibility	OS independent; No software or drivers required
LED Indicators	1 - HDD 1 Activity
LED Indicators	1 - HDD 2 Activity
LED Indicators	1 - RAID LED
Input Voltage	110V-240V AC
Output Current	3 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	4.6 in [118 mm]
Product Length	8.5 in [215 mm]
Product Weight	64.7 oz [1834 g]
Product Width	5.1 in [130 mm]
Shipping (Package) Weight	6.3 lb [2.9 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

RoHS Compliant
Available

C E

FC