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Data Sheet

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

Product 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™.

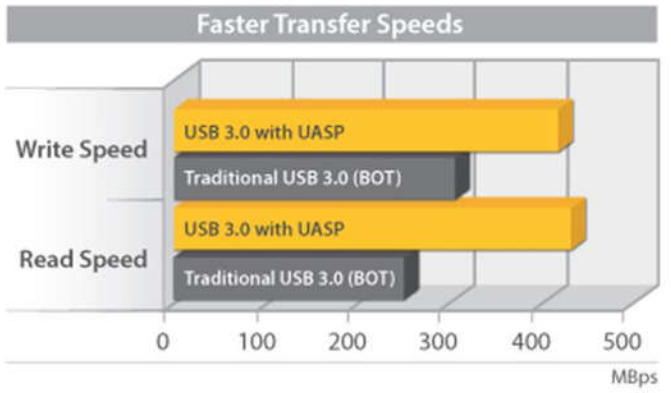
The S352BU33RER is backed by a StarTech.com 2-year warranty and free lifetime technical support.

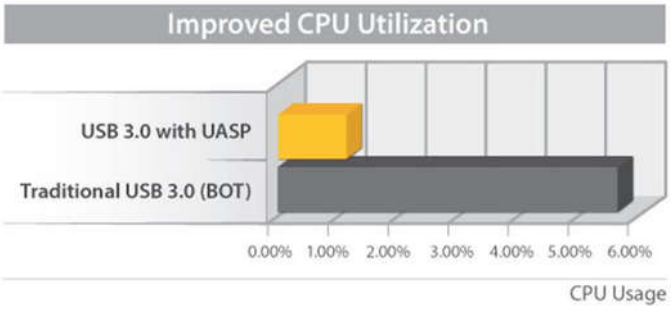
Improved Performance with UASP

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.





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
- 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

	Warranty	2 Years
Hardware	Bus Type	USB 3.0
	Chipset ID	JMicron - JMS562
	Compatible Drive Types	SATA
	Drive Installation	Removable
	Drive Size	3.5in
	Fan Bearing Type	Sleeve Bearing
	Fan(s)	Yes
	Fans	1 - 70 mm
	Front Door Key Lock	Yes
	Interface	USB 3.0 & eSATA
	Number of Drives	2
	Number of internal 3.5 inch bays	2
Performance	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)
		JBOD - (Just a Bunch of Disks)
		RAID 0 (Striped Disks)
		RAID 1 (Mirrored Disks)
	Type and Rate	USB 3.0 - 5 Gbit/s
		SATA III (6 Gbps)
	UASP Support	Yes
Connector(s)	Drive Connectors	2 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	1 - USB Type-B (9 pin) USB 3.0 Female
		1 - eSATA (7 pin, Data) Female

Software	OS Compatibility	OS independent; No software or drivers required
Indicators	LED Indicators	1 - HDD 1 Activity
		1 - HDD 2 Activity
		1 - RAID LED
Power	Input Voltage	100 - 240 AC
	Output Current	3 A
	Output Voltage	12 DC
	Power Consumption (In Watts)	36
	Power Source	AC Adapter Included
Environmental	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)
Physical Characteristics	Product Height	11.8 cm [4.6 in]
	Product Length	21.5 cm [8.5 in]
	Product Width	13 cm [5.1 in]
	Weight of Product	1.8 kg [4.1 lb]
Packaging Information	Package Height	18.7 cm [7.4 in]
	Package Length	30.1 cm [11.9 in]
	Package Width	20.8 cm [8.2 in]
	Shipping (Package) Weight	2.9 kg [6.3 lb]
What's in the Box	Included in Package	1 - USB 3.0/eSATA Dual 3.5" SATA HDD Trayless Enclosure
		1 - eSATA Cable
		1 - USB 3.0 Cable
		2 - Drive Bay Keys
		1 - Universal Power Adapter (NA/UK/EU)
		1 - Instruction manual

Product appearance and specifications are subject to change without notice.