

Dual-Bay 2.5in Hard Drive Enclosure - USB 3.0 to SATA III 6Gbps with RAID

Product ID: S252BU33R



This USB 3.0 2-bay enclosure for 2.5in drives gives you the performance you want in an external storage system - and features a stylish, compact design that looks great next to your Mac or PC. Ideal for professional business settings or home offices, it provides a powerful data storage solution for your desktop computer, laptop, Ultrabook or Chromebook.

The dual drive enclosure lets you install two 2.5in SSDs or HDDs (from 5mm to 15mm) to create high capacity external data storage. To maximize the performance and speed of your SATA III (6Gbps) drives, the enclosure is enhanced with UASP delivering up to 70% faster transfer speeds than conventional USB 3.0. (See testing results below.)

The compact design, small footprint and sleek finish make this enclosure the perfect desktop companion for your Mac or PC.

Requiring only 5V of power, you have the option to power the enclosure through USB alone, without the need for an external power adapter. It can be powered through a single or two USB sources, such as USB chargers or ports on your laptop, depending on your drive set-up. In stationary applications or configurations where more power is desired, a power adapter is included. The enclosure gives you a convenient, energy-efficient storage solution with flexible storage set-up options - and easy portability.

Enjoy peace of mind, knowing your files are continually backed up or take advantage of greater speed and capacity offered with a combined solution. The enclosure supports RAID 0, 1, Spanning, and JBOD, enabling you to choose your preferred backup mode. With the convenience of RAID, you can achieve increased size, performance, or redundancy.

The enclosure is compatible with Windows, Mac, Chrome OS and Linux systems without having to install additional drivers or software.

This high-performance SuperSpeed USB 3.0 enclosure supports data transfer rates of up to 5Gbps and is enhanced with UASP support, which can deliver ~70% faster read speed and 40% faster write speed over traditional USB 3.0, when paired with a UASP-enabled host.

Note: UASP (USB Attached SCSI Protocol) is supported in Windows 8, 8.1, Server 2012 and Linux kernel 2.6.37 or

later. Test results were obtained using an Intel Ivy Bridge system, StarTech.com add-on USB 3.0 cards, a UASP-enabled StarTech.com enclosure, and a SATA III solid state drive.

The S252BU33R dual-bay enclosure is ruggedly built to deliver long-lasting performance, and is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

- Increase the external storage capacity of any computer by connecting this external storage enclosure
- Take it with your laptop for on-the-go external storage
- Add the security of data redundancy by using this enclosure with support for RAID
- Backup or archive data from any USB computer

Features

- Create a powerful external USB 3.0 storage solution, supporting two 2.5" SSD or HDD drives
- Sleek, compact design works beautifully with your Mac or PC
- Transfer files quickly with SATA III (6Gbps) power and USB 3.0 with UASP
- Achieve enhanced performance and data redundancy with RAID 0,1, spanning and JBOD
- Requires only 5V power, allowing flexible power options
- Works with Windows, Mac, Chrome and Linux (2.4.x and up) systems
- Easy set-up with no additional drivers and software required

Hardware

Warranty	2 Years
Fan(s)	Yes
Fans	40 mm
Interface	USB 3.0
Bus Type	USB 3.0
Number of Drives	2

Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Fixed
Number of 2.5 inch bays	2
Supported Drive Height(s)	5mm
	7mm
	9.5mm
	12.5mm
	15mm
Fan Bearing Type	Ball Bearing
Chipset ID	JMicron - JMS561

Performance

Noise Level	21 dBA
Maximum Data Transfer Rate	USB 3.0 - 5 Gbps
Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	Yes
4Kn Support	Yes
Type and Rate	SATA III (6 Gbps)
Hardware Raid Supported	Yes
Supported RAID Modes	RAID 0 (Striped Disks)
	RAID 1 (Mirrored Disks)
	JBOD - (Just a Bunch of Disks)
	BIG (Spanning or Concatenation)
Max Drive Capacity	Currently tested with up to 2TB 7200 RPM hard drives (4 TB total)
Hot Swap Capability	Yes



Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	USB Type-B (9 pin) USB 3.0

Software

OS Compatibility	OS independent; No software or drivers required
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Indicators

LED Indicators	Power LED
	HHD 1 Activity LED
	HHD 2 Activity LED

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.4 A
Output Voltage	5 DC
Output Current	2 A
Plug Type	H
Power Consumption (In Watts)	3

Environmental

Operating Temperature	0C to 40C (32F to 104F)
Storage Temperature	-10C to 65C (14deg;F to 149F)
Humidity	10~90% RH

Physical Characteristics

Color	Black
Material	Aluminum and Plastic
Max Drive Height	0.6 in [15 mm]



Product Length	5.2 in [13.2 cm]
Product Width	2.0 in [50 mm]
Product Height	3.5 in [90 mm]
Weight of Product	12.4 oz [350 g]

Packaging Information

Package Length	7.2 in [18.2 cm]
Package Width	4.7 in [11.9 cm]
Package Height	4.3 in [10.9 cm]
Shipping (Package) Weight	25.8 oz [730 g]

What's in the Box

Included in Package	USB 3.0 Dual 2.5" SATA HDD/SSD RAID Enclosure
	USB 3.0 cable
	USB to Power Cable (Type H Barrel)
	Universal Power Adapter (NA/EU/UK/AU)
	Installation screw kit
	Quick install guide

****Product appearance and specifications are subject to change without notice.***

