Dual-bay 2.5in hard drive enclosure – USB 3.0 to SATA III 6Gbps with RAID

StarTech 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™.

High capacity, high performance external storage

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.)

Sleek, compact design with flexible power options

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.

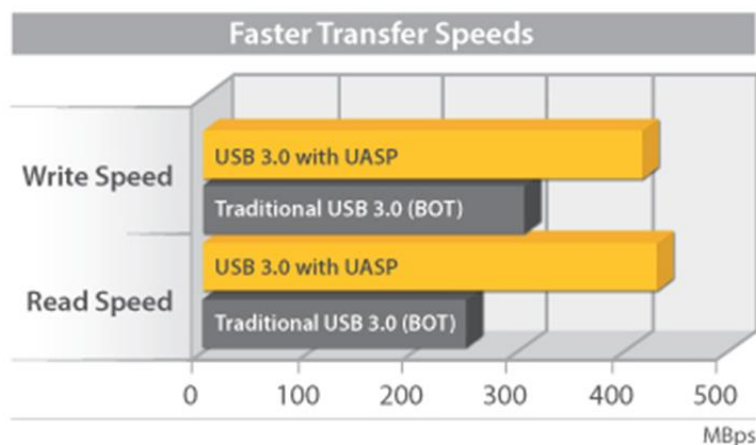## Increased performance and data redundancy with RAID

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®, and Linux® systems without having to install additional drivers or software.

Enhanced performance through UASP

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.

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

Technical Specifications

Warranty	2 Years
Bus Type	USB 3.0
Chipset ID	JMicron - JMS561
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Drive Size	2.5in
Fan Bearing Type	Ball Bearing
Fan(s)	Yes
Fans	1 - 40 mm
Interface	USB 3.0
Number of 2.5 inch bays	2
Number of Drives	2
Supported Drive Height(s)	5mm
Supported Drive Height(s)	7mm
Supported Drive Height(s)	9.5mm
Supported Drive Height(s)	12.5mm
Supported Drive Height(s)	12.7mm
Supported Drive Height(s)	15mm
Hot Swap Capability	Yes
Max Drive Capacity	Currently tested with up to 2TB 7200 RPM hard drives (4 TB total)
Maximum Data Transfer Rate	USB 3.0 - 5 Gbps
Noise Level	21 dBA
RAID	Yes
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Supported RAID Modes	BIG (Spanning or Concatenation)
Type and Rate	USB 3.0 - 5 Gbit/s
Type and Rate	SATA III (6 Gbps)
UASP Support	Yes
Drive Connectors	1 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	1 - USB 3.0 B (9 pin; SuperSpeed) Female
Color	Black

Enclosure Type	Aluminum and Plastic
Max Drive Height	0.6 in [15 mm]
Product Height	3.5 in [90 mm]
Product Length	5.2 in [132.9 mm]
Product Weight	12 oz [340 g]
Product Width	2 in [51.5 mm]
LED Indicators	1 - Power LED
LED Indicators	1 - HHD 1 Activity LED
LED Indicators	1 - HHD 2 Activity LED
Input Current	0.4 A
Input Voltage	100 ~ 240 AC
Output Current	2 A
Output Voltage	5 DC
Plug Type	H
Power Source	AC Adapter Included
Humidity	10~90% RH
Operating Temperature	0°C to 40°C (32°F to 104°F)
Storage Temperature	-10°C to 65°C (14deg;F to 149°F)
Shipping (Package) Weight	1.6 lb [0.7 kg]
Included in Package	1 - USB 3.0 Dual 2.5" SATA HDD/SSD RAID Enclosure
Included in Package	1 - USB 3.0 cable
Included in Package	1 - USB to Power Cable (Type H Barrel)
Included in Package	1 - Universal Power Adapter (NA/EU/UK/AUS)
Included in Package	1 - Installation screw kit
Included in Package	1 - Quick install guide

Certifications, Reports and Compatibility

RoHS Compliant
Available

CE

FC