USB 3.1 (10Gbps) External Enclosure for Dual 2.5" SATA Drives

Product ID: S252BU313R

Compact in size but big on performance, this dual-bay enclosure provides powerful external data storage, with ultra-fast data transfer speeds and configurable RAID modes. It's ideal for small business and home office applications, or top-performing workstations for graphic designers, engineers and other business professionals.

Create a high-capacity, external data storage solution with support for two 2.5" SSDs/HDDs in a wide range of sizes from 5 to 12.5mm. Tested for compatibility with capacities up to 4TB at 7200 RPM, this aluminum enclosure delivers fast file transfer rates with USB 3.1 Gen 2 performance. It supports SATA I, II and III and is enhanced with UASP to maximize the performance and speed of your SATA III drives. It even has a fan, with built-in speed control, to keep things running smoothly.

USB 3.1 Gen 2 gives you greater bandwidth and speed, supporting transfer rates of up to 10Gbps - twice the speed of USB 3.0 (USB 3.1 Gen 1) technology. It lets you leverage the high performance of the latest SSDs and hard drives while alleviating bottlenecks in your data transfers.

The dual-bay drive enclosure comes with two USB cables for flexible use with the latest laptops and tablets equipped with a USB-C port, as well as legacy devices. It includes both USB-C to Micro B and USB-A to Micro B cables. The 2-bay enclosure is also compatible with a Thunderbolt 3 USB-C port.

Through RAID 0 support, the dual-bay enclosure lets you maximize the performance of your SATA III SSDs to achieve greater file transfer speeds. The dual-bay enclosure also supports RAID 1, Big (Spanning or Concatenation) and JBOD. With multiple RAID options, you can gain increased storage size, performance, or redundancy.

The enclosure is OS independent, requiring no additional software or drivers. The S252BU313R 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 your laptop or PC, ideal for the home office or small business

• Use extra storage to back-up important files, a great advantage for graphic designers and other business professionals

Features

• Create powerful external storage with a 2-bay enclosure for 2.5" SSD/HDDs

• Works with both USB-C and USB-A enabled devices, with two cables included

• Compatible with Thunderbolt 3 USB-C port

• Supports USB 3.1 Gen 2

• Compatible with 5 - 12.5 mm drive sizes, and tested with capacities up to 4TB @ 7200 RPM

• SATA I/II/III support (up to 6Gbps)

• Supports RAID 0, 1, Big (Spanning or Concatenation) and JBOD

• UASP support for enhanced performance

• Solid aluminum enclosure

• Fan with speed control

• Multi-function LED indicators

Hardware

Warranty	2 Years
Fan(s)	Yes
Fans	30 mm
Interface	USB 3.1 Gen 2
Bus Type	USB 3.1 Gen 2
Number of Drives	2
Drive Size	2.5in
Compatible Drive Types	SATA
Drive Installation	Fixed
Fan Bearing Type	Sleeve Bearing

Chipset ID	ASMedia - ASM1352R	

Performance

Maximum Data Transfer Rate	10 Gbps	
Type and Rate	USB 3.1 Gen 2 - 10 Gbit/s	
UASP Support	Yes	
TRIM Support	Yes	
4Kn Support	Yes	
Hardware Raid Supported	Yes	
Supported RAID Modes	RAID 0 (Striped Disks)	
	RAID 1 (Mirrored Disks)	
	BIG (Spanning or Concatenation)	
	JBOD - (Just a Bunch of Disks)	
Max Drive Capacity	Tested with drives up to 4TB @ 7200 RPM	
MTBF	50,000 hours	

Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)	
Host Connectors	USB 3.1 USB Type Micro-B (10 pin, Gen 2, 10 Gbps)	

Software

OS Compatibility	OS independent; No software or drivers required	

Special Notes / Requirements

Note	Windows 7 and earlier Windows versions do not support TRIM with USB to SATA devices.	

Indicators

LED Indicators	Power	
	Read and Write - HDD1	

Read and Write - HDD2

Power

Power Source	AC Adapter Included
Input Voltage	100 - 240 AC
Input Current	0.6A
Output Voltage	12V DC
Output Current	2A
Center Tip Polarity	Positive
Plug Type	B
Power Consumption (In Watts)	60

Environmental

Operating Temperature	5C to 35C (41F to 95F)
Storage Temperature	-20C to 50C (-4F to 122F)
Humidity	20~80% RH

Physical Characteristics

Color	Black
Material	Aluminum
Max Drive Height	0.5 in [12.5 mm]
Product Length	5.8 in [14.8 cm]
Product Width	3.2 in [81.0 mm]
Product Height	2.4 in [60.0 mm]
Weight of Product	13.3 oz [378.0 g]

Packaging Information

Package Length	9.0 in [22.8 cm]
Package Width	6.4 in [16.3 cm]

Package Height	4.4 in [11.2 cm]	
Shipping (Package) Weight	32.1 oz [910.0 g]	

What's in the Box

Included in Package	USB 3.1 to SATA enclosure
	USB C to Micro B cable - 40.25 inches
	USB 3.0 A to Micro B cable - 40.25 inches
	universal power adapter (NA,EU,UK,ANZ) - 70 inches (cable)
	drive trays
	allen keys
	instruction manual

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