USB 3.1 Dual 3.5" SATA (6Gbps) HDD Enclosure with RAID - USB-C and USB-A

Product ID: S352BU313R

This USB 3.1 dual-bay drive enclosure makes it easy to add high-capacity, high-performance external data storage to your laptop or desktop computer. The dual-bay RAID enclosure supports two 3.5" SATA hard drives with ultra-fast data transfer speeds and configurable RAID modes.

Create a high-capacity, external data storage solution with support for two 3.5" HDDs, SSDs or SSHDs. This 2-bay 3.5" drive enclosure delivers fast file transfer rates up to 10Gbps 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.

The dual-drive RAID enclosure provides an effective solution for creative professionals, office employees, researchers, and medical personnel to store, access, back up, and protect important files. It gives you the peace of mind of knowing that your data is safe, secure, and protected.

With multiple RAID options, you can gain increased storage size, performance, or redundancy. The enclosure supports RAID 0, RAID 1, JBOD and SPAN (BIG), which enables you to choose your preferred backup mode and customize your drive arrangement based on your storage requirements.

To maximize both durability and reliability, the external RAID enclosure features an aluminum and plastic housing with a metal hard-drive mounting tray. It also features a built-in fan, to help dissipate operating heat and maintain an optimum operating environment for drive protection.

The dual-bay drive enclosure includes both a USB-C and USB-A cable for flexible use with the latest laptops and tablets, equipped with a USB-C port, Thunderbolt 3 USB-C port, as well as legacy devices. The enclosure is OS independent, requiring no additional software or drivers.

The S352BU313R is backed by a StarTech.com 2-year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Ideal for small business or home offices, build an external RAID array for data redundancy, to protect against drive failure when working with important data

• Video editing or photography professionals/enthusiasts can securely work with very large files

• Transfer large files between computers quickly and securely without a network

• Easy storage transfers between different computer systems and large volume external storage for backups/archiving

Features

• Supports two 3.5" SATA HDDs/SSDs/SSHDs

• Data transfer speeds of up to 10Gbps through USB 3.1 Gen 2 connectivity

• Supports RAID 0, RAID 1, JBOD and SPAN (BIG)

• Supports SATA revision I/II/III (up to 6 Gbps)

• Aluminum and plastic housing with metal hard-drive mounting tray

• Compatible with Thunderbolt 3 USB-C port

• Built-in fan

• Includes 2 cables, USB-C to B and USB-A to B

• Backward compatible with USB 3.0 (USB Gen 1), USB 2.0

Hardware

Warranty	2 Years
Fan(s)	Yes
Fans	50 mm
Interface	USB 3.1 Gen 2
Bus Type	USB 3.1 Gen 2
Number of Drives	2
Drive Size	3.5in
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
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	Tested up to 10TB
MTBF	100,000 hours

Connector(s)

Drive Connectors	SATA Data & Power Combo (7+15 pin)
Host Connectors	USB 3.1 USB Type-B (9 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
		Drive Activity

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Input Current	1.0A
	Output Voltage	12V DC
	Output Current	3.0A
	Center Tip Polarity	Positive
	Plug Type	M
	Power Consumption (In Watts)	36W

Environmental

	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-10C to 65C (14F to 149F)
	Humidity	5%~95% RH

Physical Characteristics

	Color	Black
	Material	Aluminum and Plastic
	Product Length	7.5 in [19 cm]
	Product Width	3.0 in [75 mm]
	Product Height	4.9 in [12.5 cm]
	Weight of Product	35.3 oz [1000 g]

Packaging Information

	Package Length	10.3 in [26.1 cm]
	Package Width	7.3 in [18.6 cm]

	Package Height	5.9 in [15.1 cm]
	Shipping (Package) Weight	3.9 lb [1.8 kg]

What's in the Box

	Included in Package	dual-bay enclosure
		universal power adapter (NA/JP, UK, EU, ANZ)
		USB-A to USB-B cable
		USB-C to USB-B cable
		enclosure stand
		drive screws
		quick-start guide

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