

3.5in Black USB 2.0 to Dual SATA Hard Drive Enclosure with RAID

StarTech ID: SAT3520U2R



This Dual SATA External RAID Hard Drive Enclosure offers a practical external RAID solution, allowing you to install up to two Serial ATA (SATA, SATA II, SATA III) hard drives for connection to a host computer through high speed USB 2.0.

Delivering easy to use, yet versatile external RAID storage, the enclosure automatically configures your RAID array based on your selection (JBOD, Striping (RAID 0), Spanning (non RAID), and Mirror (RAID 1) modes supported).

To simplify monitoring of drive activity, the enclosure features six front panel LED indicators that provide constant operation and status updates.

The enclosure supports any standard 3.5in SATA hard drive, allowing you to customize your external storage solution based on your preference of hard drive manufacturer without having to worry about compatibility issues.

An out-of-the-box external RAID solution, the enclosure includes a USB 2.0 cable and the necessary power adapter.

To help protect installed hard drives from the gradual heat build-up that occurs as a result of typical drive operation, the dual drive enclosure features a built-in 40mm fan. This is especially important with large capacity, or faster "spinning" drives (e.g. 7200RPM), as it can help keep drives running cooler, which can preserve data integrity and the drive's lifespan by reducing the chances of premature failures.

Applications

- Add external RAID storage solution without worrying about driver or software support
- Businesses requiring external RAID storage for data redundancy
- External storage that is easily transferable between different computer systems
- Large volume external storage for backups/archiving
- Video editing or photography professional/enthusiasts working with very large file sizes

Features

- Supports up to two 3.5" SATA hard drives
- High Speed USB 2.0 host interface, with supported transfer rates up to 480 Mbps
- Supported RAID modes: 0, 1, JBOD, BIG (span/concatenation)
- Activity and Error LED indicators for each drive, plus enclosure Power and Rebuild LED indicator
- 40mm cooling fan
- Aluminum side panels
- Compatible with SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) hard drives
- Supports 3.5" form factor SATA hard drives
- Plug-and-Play and Hot-Swap compatible

Technical Specifications

Warranty	2 Years
Chipset ID	PLX/Oxford - OXU921DS
Interface	USB 2.0
Number of Drives	2
Drive Size	3.5in
Drive Type	SATA
Drive Installation	Fixed
Number of internal 3.5 inch bays	Two
Fan(s)	Yes
Fans	1 - 40 mm
Connector Type(s)	1 - USB B (4 pin) Female
RAID	Yes
General Specifications	100VAC / 240VAC
General Specifications	Oxford OXU921DS
General Specifications	SATA, SATA II, SATA III Hard Drives
General Specifications	Tested up to a 2.0 TB hard drive per drive bay. Seagate Barracuda 7200 RPM hard drives up to 1 Terabyte have been tested.
OS Compatibility	Windows 2000/ NT/ XP(32/64bit)/ 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit), Linux, and MAC 10.2 or Higher
Color	Black
Enclosure Type	Aluminum
Product Length	8.9 in [226 mm]
Product Width	2.4 in [62 mm]
Product Height	5.7 in [145 mm]
Product Weight	21.2 oz [600 g]

LED Indicators 1 - HDD1 Access

LED Indicators 1 - HDD1 Error

LED Indicators 1 - HDD2 Access

LED Indicators 1 - HDD2 Error

LED Indicators 1 - Power

LED Indicators 1 - Rebuild

Power Adapter Included Yes

Output Voltage 12/5 DC

Output Current 2A

Center Tip Polarity Not Applicable

Note The maximum supported partition size for 32-bit Windows systems is 2 TB. Windows cannot detect multiple drives in any RAID mode if the total size exceeds 2TB. Hard drives in non-RAID mode (JBOD) are supported up to 2TB.

Shipping (Package) Weight 2.8 lb [1.3 kg]

Included in Package 1 - Aluminum Enclosure

Included in Package 1 - USB Cable

Included in Package 1 - Hard drive mounting screws

Included in Package 1 - Screw Driver

Included in Package 1 - Power Adapter

Included in Package 1 - Manual

Certifications, Reports and Compatibility

