

## 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 and Solutions**

- 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
- Number of internal 3.5 inch bays: Two
- Product Height: 5.71 in [145 mm]
- LED Indicators: 1 - Power
- LED Indicators: 1 - Rebuild
- LED Indicators: 1 - HDD1 Access
- LED Indicators: 1 - HDD2 Access
- LED Indicators: 1 - HDD1 Error
- LED Indicators: 1 - HDD2 Error
- Product Length: 8.9 in [226 mm]
- OS Compatibility: Windows 2000/ NT/ XP(32/64bit)/ 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit), Linux, and MAC 10.2 or Higher
- Power Adapter - Amperage: 2A / 2A
- Power Adapter - DC Voltage: 5V/12V
- Carton Quantity: 10
- Shipping (Package) Weight: 2.78 lb [1.26 kg]
- Product Weight: 21.18 oz [600 g]
- Product Width: 2.44 in [62 mm]
- **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.
- Drive Type Compatibility: SATA, SATA II, SATA III Hard Drives

- Chipset: Oxford OXU921DS
- Drive Size: 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.
- AC Input: 100VAC / 240VAC

