

## 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 two Serial ATA 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 (SATA/SATA II) hard drive up to 2TB capacity each (total capacity 4TB), 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 (750GB to 2TB), or faster "spinning" drives (e.g. 7200RPM), as it can help optimize drive operability and preserve hard drive lifespan.

## Applications and Solutions

- Digital Video & Audio Editing
- Digital/Multimedia file archiving
- Ideal for users who work with large multimedia files or databases, and need to expand external storage capacities.
- JBOD Disk Farm
- Large file storage offloading & backup
- RAID 0 support allows efficient management of large amounts of non-critical or archived data in external or mobile storage environments
- RAID 1 allows the user to insure that mission critical data is backed up and safe. And can easily be retrieved incase of data lose or system failure.

## Features

- Aluminum side panels maximize heat dissipation and provide durable hard drive protection
- Dual external hard drive enclosure holds up to two 3.5" SATA I/II hard drives
- Internal fan helps keep the enclosure and installed hard drives running cool for maximized performance
- Six LEDs simplify monitoring the status of enclosure and installed drives
- Supports JBOD, Striping (RAID 0), Spanning (non RAID), and Mirror (RAID 1) modes

## Technical Specifications

- Warranty: 1 Year warranty
- Number of internal 3.5 inch bays: Two
- Color: Black
- Connector Types: 1 - USB B Female
- Enclosure Type: Aluminum
- 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]
- Fans: 1 - 40 mm
- Power Adapter Included: Yes
- Power Adapter - Amperage: 2A / 2A
- Power Adapter - DC Voltage: 5V/12V
- Center Tip Polarity: Not Applicable
- 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]
- Drive Type Compatibility: SATA /300 (SATA II) and SATA /150 (SATA I) Hard Drives
- Chipset: Oxford OXU921DS

- Drive Size: Supports 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
- OS Compatibility: Windows 2000/ NT/ XP(32/64bit)/ 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit), Linux, and MAC 10.2 or Higher
- **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.

