

## 2.5in Black eSATA USB Dual SATA External Hard Drive Enclosure w/ RAID

StarTech ID: SAT2520U2ER



This Dual 2.5in SATA Hard Drive Enclosure provides a complete, hardware-based external RAID storage solution for laptop or desktop computers.

Accommodating two 2.5in SATA (SATA, SATA II) hard drives, this compact HDD enclosure provides a complete, hardware-based external RAID solution with support for a broad range of RAID configurations including JBOD, Spanning (BIG/Concatenated), RAID 0 (Fast), RAID 1 (Safe) and more - providing the flexibility needed to create the storage solution that best fits your application.

This versatile HDD enclosure can be connected to a host computer using either USB or eSATA, with support for full hi-speed USB 2.0 data transfer rates of up to 480Mbps, and for eSATA transfer rates of up to 3Gbps - offering the speed needed for your external storage to function seamlessly with your desktop or laptop computer.

Built to provide a durable housing for installed Serial ATA hard drives, the Dual SATA hard drive enclosure features an aluminum casing, which helps to protect against damage while in transit. The aluminum casing also provides additional dissipation of the heat generated by normal drive operation - in turn providing a cooler working environment for installed hard drives.

The hard drive enclosure includes an optional power adapter that can be used as an alternate method of powering drive operation, in contrast to drawing power from a host computer USB connection (also supported).

As a further option, using our [SATA to Compact Flash Adapter](#) (SAT2CF), Compact Flash cards (up to two) can be installed into the enclosure in place of a SATA or SATA II hard drive, allowing the drive enclosure to be used as a portable, high performance, and shock resistant SSD (Solid State Drive).

## **Applications and Solutions**

- Archive valuable data from notebook and desktop computers
- Digital/Multimedia file archiving
- For scheduled or on demand backups and offloading of notebook or desktop systems
- Ideal for users who work with large multimedia files or databases, and need to expand external storage capacities
- JBOD Disk Farm
- 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

- Can optionally setup RAID configurations through GUI software
- Hot swap plug and play
- Maximum data transfer rate up 480Mbps for USB2.0 & 3.0Gbps for eSATA Interface
- One button backup feature
- Power Adapter is included but not required. Can draw power from a second USB port. (Note: Some PC front access USB ports may not have sufficient power for starting 2 drives!)
- Supports eSATA port multiplier with PM compatible eSATA card
- Supports Safe35/55

## Technical Specifications

- Warranty: 2 Year warranty
- Color: Black
- Connector Types: 1 - eSATA Plug
- Connector Types: 1 - USB Mini B 5 pin Female
- Product Height: 1.3 in [33 mm]
- Input Voltage: 115 AC
- Product Length: 5.24 in [133 mm]
- Output Current: 2000mA
- Plug Type: H
- Power Adapter Included: Yes
- Center Tip Polarity: Positive
- Carton Quantity: 10
- Shipping (Package) Weight: 1.66 lb [0.75 kg]
- Product Weight: 7.06 oz [200 g]
- Product Width: 3.27 in [83 mm]
- Interfaces: eSATA / USB 2.0
- Max. HD Capacity: Tested 500 GB per drive
- Output Voltage: 5 DC
- Enclosure Type: Aluminum
- Maximum Data Transfer Rate: USB 2.0 - 480Mbps / eSATA - 3.0Gbps
- OS Compatibility: Windows XP(32/64bit)/ Server 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit)/ Server 2008 R2, Linux, and Mac OS X and up

- LED Indicators: Power/Backup and individual Hard Drive activity
- Supports: JBOD(Single), Spanning or Concatentation (BIG), RAID 0 (Striping or Fast), RAID 1(Mirroring or Safe), or GUI modes
- Chipset: Sil5744

