

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

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

Features

- 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!)
- Maximum data transfer rate up 480Mbps for USB2.0 & 3.0Gbps for eSATA Interface
- Supports eSATA port multiplier with PM compatible eSATA card
- Can optionally setup RAID configurations through GUI software
- Hot swap plug and play
- Supports Safe35/55

Technical Specifications

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|---------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Warranty | 2 Years |
| Connector Type(s) | 1 - eSATA (7 pin; Data) Plug |
| Connector Type(s) | 1 - USB Mini-B (5 pin) Female |
| General Specifications | Aluminum |
| General Specifications | eSATA / USB 2.0 |
| General Specifications | JBOD(Single), Spanning or Concatentation (BIG), RAID 0 (Striping or Fast), RAID 1(Mirroring or Safe), or GUI modes |
| General Specifications | Power/Backup and individual Hard Drive activity |
| General Specifications | Sil5744 |
| General Specifications | Tested 500 GB per drive |
| General Specifications | 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 |
| Color | Black |
| Product Length | 5.2 in [133 mm] |
| Product Width | 3.3 in [83 mm] |
| Product Height | 1.3 in [33 mm] |
| Product Weight | 7.1 oz [200 g] |
| Power Adapter Included | Yes |
| Input Voltage | 115 AC |
| Output Voltage | 5 DC |
| Output Current | 2A |
| Center Tip Polarity | Positive |
| Plug Type | H |
| Shipping (Package) Weight | 1.7 lb [0.8 kg] |
| Included in Package | 1 - Enclosure |
| Included in Package | 1 - eSATA Cable |
| Included in Package | 1 - USB + USB to DC5V Cable |

- Included in Package 1 - Carrying Pouch
- Included in Package 1 - Power Adapter
- Included in Package 1 - Driver/Software CD
- Included in Package 1 - Instruction Manual

Certifications, Reports and Compatibility

