

3.5in Silver eSATA USB Dual SATA External RAID Hard Drive Enclosure

StarTech ID: SAT3520U2ER



This Dual SATA External Hard Drive Enclosure delivers the ideal external RAID solution, allowing you to install two high capacity 3.5in SATA hard drives (SATA, SATA II, SATA III), connected to the host computer through either a Port-Multiplier capable eSATA or USB 2.0 ports.

For true eSATA convenience, the enclosure features built-in port multiplier support, allowing both of the installed Serial ATA drives to be connected to the host computer through a single eSATA cable.

A versatile external storage solution, the enclosure supports almost any 3.5in SATA hard drive and can be connected to a computer through USB 2.0, if an eSATA connection is not available.

The enclosure supports multiple RAID array configurations including RAID 0, RAID 1, BIG(JBOD), SAFE33 & SAFE55 - allowing you to configure your external drives to best suit the application.

To help protect installed SATA hard drives and their valuable data content from in-transit damage, the enclosure features a sturdy aluminum casing that also enhances drive heat dissipation for a cooler operating environment.

To provide further cooling for installed SATA hard drives, the enclosure features a built-in 50mm fan that re-distributes the heat build-up generated as a result of typical drive operation. This is especially important when using large capacity hard drives, and faster "spinning" drives (i.e 7200 RPM), 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.

An out-of-the-box external RAID or USB 2.0 storage solution, the eSATA/USB Dual External RAID Hard Drive Enclosure includes both eSATA and USB 2.0 cables, as well as the necessary power adapter.

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

- Compatible with SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) drives
- 50mm cooling fan
- High Speed USB 2.0 compliant host interface, with transfer rates up to 480 Mbps
- LED indicators for each drive, host interface and power
- SATA revision 2 compliant eSATA host interface, with transfer rates up to 3.0 Gbps
- Supports up to 2 SATA drives
- Supports 3.5" form factor SATA hard drives
- Supported RAID modes: 0, 1, JBOD, Spanning, SAFE33 and SAFE50
- Software GUI or on-board DIP switch configuration
- Plug-and-Play and hot-swap compatible

Technical Specifications

- Warranty: 2 Years
- Chipset ID: Silicon Image SIL5744
- Max Drive Capacity: 2 TB Each (4 TB Total)
- Product Height: 5.59 in [142 mm]
- LED Indicators: 1 - Power
- LED Indicators: Hard Drive Indicators (One Each)
- Product Length: 9.06 in [230 mm]
- Number of Drives: 2
- OS Compatibility: Windows ME/ 2000/ XP(32/64bit)/ 2003(32/64bit)/ Vista(32/64bit)/ 7(32/64bit), MAC OS 9.0 +, and

Linux

- Output Current: 4200mA
- Carton Quantity: 6
- Shipping (Package) Weight: 4.44 lb [2.01 kg]
- Product Weight: 4.2 lb [1.9 kg]
- Product Width: 3.94 in [100 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.

