

3.5in eSATA USB Dual External Hard Drive Enclosure w/ SATA Controller

StarTech ID: S352U2RERC



StarTech.com's **eSATA/USB External Dual SATA Hard Drive Enclosure** offers hot-swappable installation of up to two 3.5in SATA (SATA, SATA II, SATA III) hard drives, with support for a broad range of RAID applications including RAID 0, RAID 1, BIG, JBOD, SAFE33 and SAFE50.

To ensure maximum versatility, the External Hard Drive Enclosure can be connected to a computer using either eSATA or USB 2.0, and features built-in port multiplier support that allows both of the installed SATA hard drives to be connected using a single eSATA connection to your computer (Port Multiplier capable eSATA host controller required).

To make hard drive swapping easier, the eSATA/USB dual drive enclosure features hot-swappable trays that allow you to quickly remove and install hard drives without requiring that you reboot or disconnect the drive enclosure from the host computer. In the event that a new drive is inserted, the eSATA/USB dual drive RAID enclosure will rebuild the RAID array, providing seamless uninterrupted communication with your PC and data.

The External Hard Drive Enclosure features a sturdy and attractive silver aluminum casing that looks great in any environment while helping to protect installed SATA hard drives and their valuable data content from in-transit damage, while providing maximum heat dissipation.

Using Terabyte hard drives? Don't expose your Hard Drive and valuable data to unnecessary heat!

This eSATA/USB External Dual SATA Hard Drive Enclosure includes a large, built-in 50mm fan that re-distributes the heat build-up generated as a result of typical drive operation, which 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 solution, the dual SATA external hard drive enclosure includes the companion PCI Express SATA controller card (with port multiplier support, StarTech SKU: PEXESATA1), as well as an eSATA cable and the necessary power adapter.

Applications

- 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 SATA drives in individual removable hot-swap drive trays
- Supported RAID modes: 0, 1, JBOD, BIG (Span/Concatenation), SAFE33 and SAFE50
- Includes a PCI Express 1-Port eSATA controller card with Port Multiplier support
- Software GUI or on-board DIP switch configuration
- LED indicators for each drive, host interface and power
- SATA revision 2 compliant eSATA host interface, with transfer rates up to 3.0 Gbps
- High Speed USB 2.0 compliant host interface, with transfer rates up to 480 Mbps
- Compatible with SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) drives
- Supports 3.5" form factor SATA hard drives
- 50mm cooling fan with On/Off switch
- Plug-and-Play and hot-swap compatible

Technical Specifications

Warranty	2 Years
Interface	USB 2.0 & eSATA
Number of Drives	2
Drive Size	3.5in
Drive Type	SATA
Drive Installation	Removable
Fan(s)	Yes
Fans	1 - 50 mm
Chipset ID	Silicon Image - SiI5744
Drive Connectors	2 - SATA (7 pin; Data) Receptacle
Drive Connectors	2 - SATA Power (15 pin) Receptacle
Host Connectors	1 - eSATA (7 pin; Data) Receptacle
Host Connectors	1 - USB B (4 pin) Female
Type and Rate	USB 2.0 - 480 Mbit/s
Type and Rate	SATA II (3 Gbps)
RAID	Yes
Supported RAID Modes	BIG (Spanning or Concatenation)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Supported RAID Modes	RAID 0 (Striped Disks)
Supported RAID Modes	RAID 1 (Mirrored Disks)
Supported RAID Modes	SAFE 33 (33% of the Drives are RAID 1, the rest is BIG)
Supported RAID Modes	SAFE 50 (50% of the Drives are RAID 1, the rest is BIG)
Max Drive	Tested up to 2.0 TB

Capacity	
Insertion Rating	5,000 Cycles
OS Compatibility	Windows 2000/ XP(32/64-bit)/ Vista(32/64-bit)/ 7(32/64-bit) and Linux kernel 2.6 and up
Color	Silver
Enclosure Type	Aluminum
Product Length	9.2 in [233 mm]
Product Width	3.9 in [100 mm]
Product Height	5.5 in [140 mm]
Product Weight	70.6 oz [2000 g]
LED Indicators	2 - Drive A - One x Link, One x Activity
LED Indicators	2 - Drive B - One x Link, One x Activity
LED Indicators	2 - eSATA - One x Link, One x Activity
LED Indicators	2 - USB - One x Link, One x Activity
Power Adapter Included	Yes
Input Voltage	115 ~ 230 AC
Input Current	1500mA
Output Voltage	12 DC
Output Current	4.2A
Center Tip Polarity	Positive
Plug Type	M
Operating Temperature	05/9/2012eg;C to 705/9/2012eg;C (325/9/2012eg;F to 1585/9/2012eg;F)
Storage	-205/9/2012eg;C to 705/9/2012eg;C (-45/9/2012eg;F to 1585/9/2012eg;F)

Temperature

Humidity 10% ~ 90% RH

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.

Shipping (Package) Weight 7.3 lb [3.3 kg]

Shipping (Package) Weight

Weight

Included in Package 1 - Aluminum Enclosure

Included in Package

Included in Package 1 - PCIe 1x RAID ESATA Controller Card

Included in Package

Included in Package 1 - eSATA Cable

Included in Package

Included in Package 1 - USB Cable

Included in Package

Included in Package 3 - Power Cord

Included in Package

Included in Package 1 - Power Adapter

Included in Package

Included in Package 1 - CD

Included in Package

Included in Package 1 - Instruction Manual

Included in Package

Certifications, Reports and Compatibility

