

3.5in 4 Drive eSATA RAID External Hard Drive Enclosure w/ Controller

StarTech ID: SAT3540ER



This eSATA External RAID HDD Enclosure/Mobile Rack delivers a high performance external RAID solution that lets you install up to four SATA hard drives for connection to the host computer through eSATA.

The 4 drive mobile rack automatically configures your RAID array based on your selection (Spanning, RAID 0, RAID 1, RAID 0+1 as well as JBOD arrays supported), delivering a simple yet flexible RAID storage solution.

With support for up to four 2TB SATA hard drives (maximum combined capacity 8 Terabytes in RAID 1), the enclosure features individual removable drive trays that make hot swapping or interchanging failed or extra hard drives easy.

An economical external storage solution, the enclosure supports any 3.5in SATA hard drive, allowing you to customize the storage appliance based on your preference of hard drive manufacturer.

To ensure a safe and sturdy operating environment for installed hard drives, the enclosure features a built-in 80mm ball bearing fan that enhances hard drive cooling, and offers a high quality aluminum body and attractive front panel design.

An out-of-the box external RAID solution, the storage appliance includes the companion PCI Express SATA controller card (with port multiplier support), as well as an eSATA cable and the necessary power adapter.

Applications

- JBOD Disk Farms
- Professional grade Audio and Video Editing
- Reliably managing large business databases
- Digital/Multimedia file archiving
- Video streaming
- Large Audio projects
- DVD Authoring
- Managing large music & image libraries
- Secure backup

Features

- Supports up to four 3.5" SATA III 2 Terabyte hard drives
- LEDs to detect Hard Drive activity
- Each hard drive bay is hot swappable featuring removable hard drive trays
- 80mm internal fan for enhanced hard drive cooling
- Supports data transfer rates up to 3 Gbps

Technical Specifications

Warranty	2 Years
Interface	eSATA
Number of Drives	4
Drive Size	3.5in
Drive Type	SATA
Drive Installation	Removable
Fan(s)	Yes
Connector Type(s)	1 - eSATA (7 pin; Data) Plug
RAID	Yes
General Specifications	JBOD RAID 0 (Striping) RAID 1 (Mirroring) RAID 0+1 Spanning (Concatentation)
General Specifications	
General Specifications	12V 8.33A (100-240V, 100w)
General Specifications	1x 80mm Ball Bearing Fan
General Specifications	Comes with a eSATA cable and eSATA to PCI-Express Host Card
General Specifications	SiI3531
General Specifications	SiI4726
General Specifications	Up to 4 x 2 Terabyte SATA II hard drives in RAID 1
OS Compatibility	Windows 2000/ XP(32/64bit)/ VISTA(32/64bit)/ 7(32bit), MAC OS 9 and up, and Linux
Color	Silver
Enclosure Type	Aluminum
Product	9.1 in [230 mm]

Length
Product Width 6.7 in [170 mm]

Product Height 5.7 in [146 mm]

Product Weight 120 oz [3400 g]

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.

Note The supplied controller does not support MAC OS. For MAC support you will need the [ECESATA2](#) or [PEXESATA2](#)

Shipping (Package) Weight 10 lb [4.5 kg]

Included in Package 1 - Drive Enclosure

Included in Package 1 - PCI Express Controller Card

Included in Package 1 - eSATA Cable

Included in Package 1 - Screw Kit

Included in Package 1 - Power Supply

Included in Package 1 - Driver CD

Included in Package 1 - Instruction Manual

Certifications, Reports and Compatibility

