4 Bay External Hard Drive Array RAID Tower – eSATA USB 3.0 Enclosure

Product ID: SAT3540U3ER

The SAT3540U3ER 4-Drive USB 3.0/eSATA to 3.5" SATA RAID Enclosure is a high-performance external RAID storage solution that supports up to 4 high capacity (tested with up to 4TB per bay) 3.5-inch SATA hard drives over a USB 3.0 or eSATA connection.

The 4-bay RAID enclosure can be connected to the host/source computer through USB or eSATA and automatically builds your SATA RAID array based on your selection (Spanning, RAID 0, RAID 1, RAID 1+0, RAID 3, and RAID 5 supported), delivering a simple, yet flexible external storage solution.

Designed for convenience, the enclosure features front panel LED indicators that provide RAID information and simple hard drive status and activity monitoring. The enclosure also features a built-in, 3-speed 80mm fan with automatic or manual controls that enable you to customize the speed of the fan as necessary to ensure suitable operating temperatures for optimized drive performance.

Certifications, Reports and Compatibility

Applications

• Add external RAID storage without worrying about driver or software support

• Maximizing the transferability of storage between different computer systems

• Large volume external storage with redundancy for backups or archiving important data

• Video editing or photography professional/enthusiasts working with very large file sizes

Features

• SuperSpeed USB 3.0 host interface, with transfer rates up to 5 Gbps

• SATA revision 2 compliant eSATA host interface, supporting transfer rates up to 3.0Gbps

• Supported RAID modes: 0 (stripe), 1 (mirror), 3 (parity disk), 5 (striped parity), 10 (1+0), Span/Concatenation

• User-configurable, directly from the unit itself

• 80mm cooling fan with 4 selectable speeds: Low, Med, High, Auto

• Auto power-saving when host connection disconnected or turned off

• Removable front cover and accessible drive trays

• Rugged aluminum chassis

• Compatible with SATA revision 1/2/3 (1.5/3.0/6.0 Gbps) drives

• Supports 3.5" form factor SATA hard drives

• No driver or software installation

• Plug-and-Play and hot-swap compatible

Hardware

Warranty	2 Years
Front Door Key Lock	No
Fan(s)	Yes
Fans	1 - 80 mm
Interface	USB 3.2 Gen 1 (5Gbps)
	USB 3.0 & eSATA
	eSATA
Number of Drives	4
Drive Size	3.5in

Compatible Drive Types	SATA
Drive Installation	Removable
Fan Bearing Type	Ball Bearing
Chipset ID	JMicron - JMB394
	JMicron - JMB355
	JMicron - JMS539

Performance

Type and Rate	USB 3.0 - 5 Gbit/s
UASP Support	No
Type and Rate	SATA II (3 Gbps)
Hardware Raid Supported	Yes
Supported RAID Modes	BIG (Spanning or Concatenation)
	RAID 0 (Striped Disks)
	RAID 1 (Mirrored Disks)
	RAID 5 (Striped Disks with Parity)
	RAID 3 (Striped set with Dedicated Parity)
	RAID 10 (1+0, Striped set of Mirrored Subset)
Max Drive Capacity	Currently tested with up to 4 TB 5400 RPM hard drives per bay (16TB total)
Fan RPM	Low - 1200rpm
	Med - 1800rpm
	High - 2500rpm

Connector(s)

Drive Connectors	4 - SATA Data & Power Combo (7+15 pin)
Host Connectors	1 - eSATA (7 pin, Data)
	1 - USB 3.2 Type-B (9 pin, Gen 1, 5Gbps)

Software

	OS Compatibility	OS independent; No software or drivers required
Special Notes / Requirements		
	System and Cable Requirements	Available USB or eSATA port
	Note	The maximum supported partition size for some 32-bit Windows systems is 2 TB. These versions of Windows cannot detect multiple drives in any RAID mode if the total size exceeds 2 TB.
Indicators		
	LED Indicators	2 - Host Connection Type
		2 - Fan Mode
		3 - Fan Speed
		1 - Power
		1 - RAID Rebuild
		1 - HDD Error
		6 - RAID Mode
Power		
	Power Source	AC Adapter Included
	Input Voltage	115V-230V AC
	Input Current	1.6A
	Output Voltage	12V DC
	Output Current	5A
	Plug Type	4-pin DIN
Environmental		
	Operating Temperature	0C to 40C (32F to 104F)
	Storage Temperature	-20C to 60C (-4F to 140F)
	Humidity	5% ~ 95% RH
Physical Characteristics		
	Color	Black

	Material	Aluminum and Plastic
	Product Length	8.5 in [21.5 cm]
	Product Width	5.0 in [12.6 cm]
	Product Height	6.7 in [17 cm]
	Weight of Product	4.0 lb [1.8 kg]

Packaging Information		
	Package Quantity	1
	Package Length	11.5 in [29.3 cm]
	Package Width	6.2 in [15.8 cm]
	Package Height	10.7 in [27.2 cm]
	Shipping (Package) Weight	6.1 lb [2.8 kg]

What's in the Box		
	Included in Package	1 - Four drive HDD enclosure
		4 - Hard Drive Handle
		1 - eSATA Cable
		1 - USB 3.0 Cable
		1 - Screw driver and screw kit
		3 - Power Cord (NA/ UK/ EU)
		1 - Universal Power Adapter
		1 - Instruction Manual

Product appearance and specifications are subject to change without notice.