4-Bay Enclosure for 3.5in SATA Drives - Thunderbolt 2 - RAID

Product ID: S354SMTB2R

Creative professionals, from digital content creators to video editors, have extreme demands for external storage requiring both high capacity and high speed. Now, you get the best of both worlds with the 4-bay Thunderbolt 2 hard drive enclosure. It gives you 4 customizable 3.5in drive bays, 20Gbps speed with Thunderbolt 2, and the accelerated performance and security of hardware RAID.

Finally, you get the throughput you demand. You can add four 3.5" SATA III hard drives to your Mac or PC using your Thunderbolt port, and build an external RAID array for enhanced performance and data security.

The 4-bay Thunderbolt 2 drive enclosure is big on storage capacity and speed, yet small in size - at only 4.6" (116 mm) wide and 6.2" (158 mm) high. Its sleek, ultra compact design in high quality aluminum makes it the perfect companion for your Mac, MacBook Pro, Dell XPS, Dell Precision or other device.

Time is money, so just imagine how much you can save with Thunderbolt 2 performance. Stream data quickly. Work effortlessly with raw media files.

Giving you 20Gbps of throughput, you can transfer data to and from your external drives faster than ever before. This superior performance makes Thunderbolt 2 the ideal external solution for high-resource intensive storage applications including high-resolution video editing and photography in your production and post-production environments.

The drive enclosure supports SATA III, II and I specifications, to enable faster data transfer speeds of up to 6Gbps. You can also use a 2.5in to 3.5in SSD adapter (25SAT35HDD) to add an SSD to your array and utilize Hyper Duo, giving you near-SSD performance at HDD capacities.

Build an external storage solution that meets your continually changing needs. You'll have ample storage capacity to off-load large data or back-up large files. (HDDs are not included with the enclosure.) You can configure the four 3.5in drive bays to your own requirements, with your own choice of hardware RAID configuration.

The Thunderbolt 2 enclosure supports hardware RAID giving you increased performance and protecting your valuable data at the same time, with support for RAID modes: JBOD / 0 / 1 / 1+0 . The included software lets you monitor your array as well as set your hardware RAID configuration. Hardware RAID increases your performance as data is off loaded to the enclosure, freeing up system resources for more process intensive tasks like file rendering

(3D/Video).

To ensure peak performance, the Thunderbolt 2 enclosure maintains an ideal operating environment to protect your drives. The enclosure features a built-in fan for improved air circulation and an aluminum housing that maximizes heat dissipation while providing rugged durability.

Leverage the Thunderbolt daisy chain port. You can connect up to 6 additional devices such as monitors, docking stations, or additional external drives -- the perfect solution for Ultrabooks.

The S354SMTB2R 4-bay Thunderbolt 2 enclosure is backed by a StarTech.com two year warranty and free lifetime technical support.

Certifications, Reports and Compatibility

Applications

• Expand the storage capacity of your Mac, MacBook Pro, Dell XPS 13, Dell Precision or other device.

• Add high-speed external storage, for graphics-intensive applications such as high-resolution video or photo editing

• Quickly transfer large data files from your computer to an external hard drive for secure backups

• Build an external hardware RAID array to maximize storage performance or secure data redundancy

Features

• Create high capacity external data storage with four 3.5" SATA drive bays (HDDs are not included)

• Transfer files at lightning speed of up 20 Gbps with Thunderbolt 2

• Sleek, ultra compact design – only 4.6" (116 mm) wide – in brushed aluminum to complement your Mac or PC

• Achieve ultra secure data redundancy and increased performance with support for hardware RAID 0, 1 and 10

• Set up instantly – 2 M Thunderbolt cable included

• HyperDuo Support for near-SSD performance at HDD capacities

• Built-in fan for optimum heat dissipation

• Compatible with SATA revisions I/II/III

• Built-in Thunderbolt daisy chain port

Hardware

	Warranty	2 Years
	Fan(s)	Yes
	Fans	1 - 70 mm
	Interface	Thunderbolt
	Bus Type	Thunderbolt
	Number of Drives	4
	Drive Size	3.5in
	Compatible Drive Types	SATA
	Drive Installation	Fixed
	Chipset ID	Marvell - 88SE9230

Performance

	Maximum Data Transfer Rate	20 Gbps
	Type and Rate	Thunderbolt 2 - 20 Gbit/s
		SATA III (6 Gbps)
	Hardware Raid Supported	Yes
	Supported RAID Modes	RAID 0 (Striped Disks)
		RAID 1 (Mirrored Disks)
		RAID 10 (1+0, Striped set of Mirrored Subset)
		JBOD - (Just a Bunch of Disks)
	Max Drive Capacity	Currently tested with up to 6TB 7200 RPM hard drives

	Hot Swap Capability	No
	Temperature Alarm	No

Connector(s)

	Drive Connectors	4 - SATA Data & Power Combo (7+15 pin)
	Host Connectors	2 - Thunderbolt (20-pin)

Software

	OS Compatibility	Windows XP, Vista, 7, 8, 8.1, 10, 11Windows Server 2003, 2008 R2, 2012, 2012 R2, 2016, 2019, 2022Mac OS 10.6 to 10.14 Linux 3.5.x to 4.11.x LTS versions only

Special Notes / Requirements

	Note	The Marvell Storage Utility application requires macOS 10.9 to 10.14.

Indicators

	LED Indicators	1 - Power LED
		1 - Drive 1 Activity LED
		1 - Drive 2 Activity LED
		1 - Drive 3 Activity LED
		1 - Drive 4 Activity LED

Power

	Power Source	AC Adapter Included
	Input Voltage	100 - 240 AC
	Output Voltage	12V DC
	Output Current	10 A
	Plug Type	M
	Power Consumption (In Watts)	120

Environmental

	Operating Temperature	5C to 35C (41F to 95F)
	Storage Temperature	-20C to 50C (-4F to 122F)

	Humidity	20% ~ 80% RH

Physical Characteristics

	Product Length	7.7 in [19.5 cm]
	Product Width	4.6 in [11.6 cm]
	Product Height	6.2 in [15.8 cm]
	Weight of Product	2.6 lb [1.2 kg]

Packaging Information

	Package Quantity	1
	Package Length	11.2 in [28.5 cm]
	Package Width	11.0 in [28 cm]
	Package Height	7.8 in [19.7 cm]
	Shipping (Package) Weight	6.2 lb [2.8 kg]

What's in the Box

	Included in Package	1 - Thunderbolt 4-bay 3.5in Hard Drive RAID Enclosure
		1 - 2m Thunderbolt Cable
		3 - Allen key
		1 - Universal power adapter (NA / UK / EU)
		1 - Instruction manual

*Product appearance and specifications are subject to change without notice.