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.
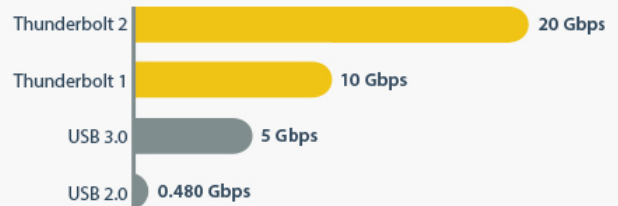
Sleek, ultra compact design complements your Mac or PC

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.

Lightning fast performance with Thunderbolt 2

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

Thunderbolt 2	20 Gbps
Thunderbolt 1	10 Gbps
USB 3.0	5 Gbps
USB 2.0	0.480 Gbps

for high-resource intensive storage applications including high-resolution video editing and photography in your production and post-production environments.
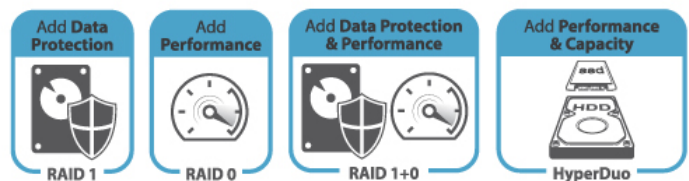
The drive enclosure supports SATA III, II and I specifications, to enable faster data transfer speeds of up to 6Gbps. You can also use a 2.5in to 3.5in SSD adapter (25SAT35HDD) to add an SSD to your array and utilize Hyper Duo, giving you near-SSD performance at HDD capacities.

Generous data storage capacity with four 3.5in drive bays

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.

Accelerated performance and security with hardware RAID

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).

Drive protection with sleek durable housing

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.

Added flexibility and scalability with daisy chain

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

RoHS Compliant Available

CE

FC

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
	Bus Type	Thunderbolt
	Chipset ID	Marvell - 88SE9230
	Compatible Drive Types	SATA
	Drive Installation	Fixed
	Drive Size	3.5in
	Fan(s)	Yes
	Fans	1 - 70 mm
	Interface	Thunderbolt
	Number of Drives	4
Performance	Hot Swap Capability	No
	Max Drive Capacity	Currently tested with up to 6TB 7200 RPM hard drives
	Maximum Data Transfer Rate	20 Gbps
	RAID	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)
	Temperature Alarm	No
	Type and Rate	Thunderbolt 2 - 20 Gbit/s
		SATA III (6 Gbps)
Connector(s)	Drive Connectors	4 - SATA Data & Power Combo (7+15 pin) Receptacle
	Host Connectors	2 - Thunderbolt™ (20-pin) Female
Software	OS Compatibility	OS independent; No software or drivers required Note: the enclosure supports software RAID configured within Windows and Mac OS X operating systems
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	Input Voltage	100 ~ 240 AC

	Output Current	10 A
	Output Voltage	12 DC
	Plug Type	M
	Power Consumption (In Watts)	120
	Power Source	AC Adapter Included
Environmental	Humidity	20% ~ 80% RH
	Operating Temperature	5°C to 35°C (41°F to 95°F)
	Storage Temperature	-20°C to 50°C (-4°F to 122°F)
Physical Characteristics	Product Height	6.2 in [158 mm]
	Product Length	7.7 in [195 mm]
	Product Weight	40.9 oz [1160 g]
	Product Width	4.6 in [116 mm]
Packaging Information	Shipping (Package) Weight	6 lb [2.7 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.