

4-Bay Thunderbolt 2 Hard Drive Enclosure - with RAID

StarTech 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.



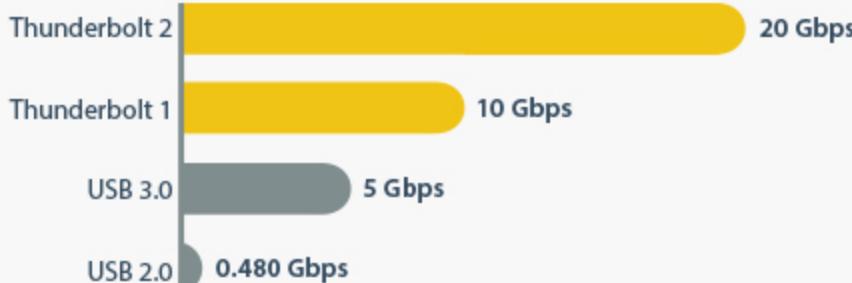
Finally, you get the throughput you demand. You can add four 3.5" SATA III hard drives to your Mac or PC using your Thunderbolt port, and build an external RAID array for enhanced performance and data security.

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 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 to off-load large data or back-up large files. 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.

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
- 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

Technical Specifications

Warranty	2 Years
Bus Type	Thunderbolt
Chipset ID	Marvell - 88SE9230
Compatible Drive Types (Type and Rate)	SATA
Drive Installation	Fixed
Drive Size	3.5in
Fan(s)	Yes
Fans	1 - 70 mm
Interface	Thunderbolt
Number of Drives	4
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)
Supported RAID Modes	RAID 1 (Mirrored Disks)
Supported RAID Modes	RAID 10 (1+0; Striped set of Mirrored Subset)
Supported RAID Modes	JBOD - (Just a Bunch of Disks)
Temperature Alarm	No
Type and Rate	Thunderbolt 2 - 20 Gbit/s
Type and Rate	SATA III (6 Gbps)
Drive Connectors	4 - SATA Data & Power Combo (7+15 pin) Receptacle
Host Connectors	2 - Thunderbolt™ (20-pin) Female
OS Compatibility	OS independent; No software or drivers required
LED Indicators	1 - Power LED
LED Indicators	1 - Drive 1 Activity LED
LED Indicators	1 - Drive 2 Activity LED
LED Indicators	1 - Drive 3 Activity LED
LED Indicators	1 - Drive 4 Activity LED
Input Voltage	100 ~ 240 AC
Output Current	10 A
Output Voltage	12 DC
Power Source	AC Adapter Included

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)
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]
Shipping (Package) Weight	6 lb [2.7 kg]
Included in Package	1 - Thunderbolt 4-bay 3.5in Hard Drive RAID Enclosure
Included in Package	1 - 2m Thunderbolt Cable
Included in Package	3 - Allen key
Included in Package	1 - Universal power adapter (NA / UK / EU)
Included in Package	1 - Instruction manual

Certifications, Reports and Compatibility

