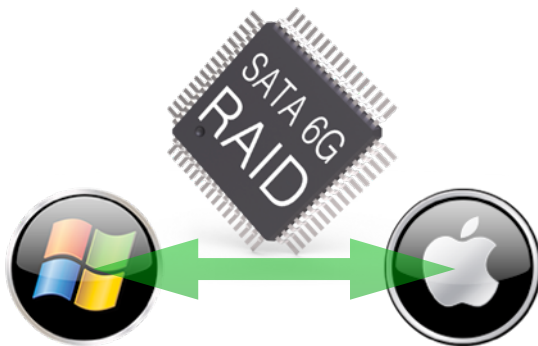# ST2-SB3 / ST2-WB3

High-Performance Removable Drive Storage System
Expand storage capacity up to 16TB

Hardware RAID that works seamlessly between Macs and PCs

A software RAID storage system is unable to overcome the problems associated with cross-platform usage. It is only through hardware RAID controller chipsets that users can use these hard drives concurrently in Mac or Windows computers. With the ST2's built-in SATA 6G hardware RAID controller chipset, not only does it promise high transmission speed, it also eliminates the cross-platform usage issues associated with RAID 0 or RAID 1 setups. Also, with hardware RAID, all data is computed and processed by the built-in CPU. With such advantages, your computer performance can be focused on running the software and work, instead of handling the storage device's transmission issues.

The ST2 is equipped with three configuration modes to suit every need

The ST2 has three built-in disk configuration modes: RAID 1 (Safe Mode), RAID 0 (Speed Mode), and JBOD (Two Independent Volumes) for you to choose according to your needs.
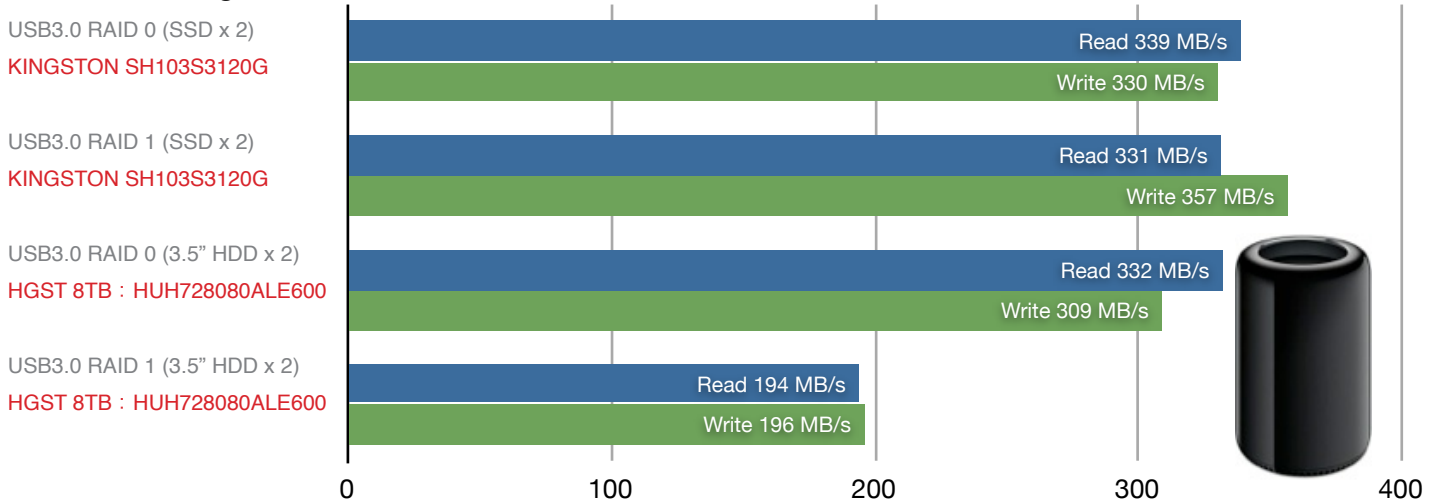
The RAID 1 function provides fully automatic backup that ensures data security

The ST2's built-in RAID 1 function controls every record that enters the system, and automatically backs it up into two copies in real-time mode, storing them into the two built-in hard disks separately. The two identical copies of data protect against data corruption, so that the data is available even if one of the hard disks is damaged, thus attaining 100% data security.

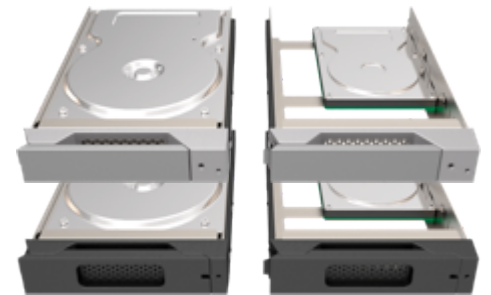### RAID 0 functionality increases storage speed and performance

The new ST2 is equipped with a RAID 0 storage mode, which means users can attain up to 330MB/s read speed with the ST2's USB3.0 transmission interface. Whether it is used for search and editing photo galleries, or for video editing and synthesis, it promises smooth and easy operation.

ST2 series   High Performance

USB3.0 RAID 0 (SSD x 2)	
KINGSTON SH103S3120G	Read 339 MB/s
	Write 330 MB/s
USB3.0 RAID 1 (SSD x 2)	
KINGSTON SH103S3120G	Read 331 MB/s
	Write 357 MB/s
USB3.0 RAID 0 (3.5" HDD x 2)	
HGST 8TB : HUH728080ALE600	Read 332 MB/s
	Write 309 MB/s
USB3.0 RAID 1 (3.5" HDD x 2)	
HGST 8TB : HUH728080ALE600	Read 194 MB/s
	Write 196 MB/s

0   100   200   300   400

Removable design, use multiple hard drives flexibly

ST2 is designed with removable hard drive trays. The combination of the plug-and-play convenience of external casing with the tray's internal stability advantages offers you easy removal and installation while on the move. Both silver and black removable trays have the same structural design, thus both are compatible with all STARDOM 3.5" hard drive enclosures.

Use a unibody aluminum casing to protect your important data

Designed with sturdy, thick aluminum, the ST2 can withstand greater impact than the average product with aluminum casing, shielding your hard drive from the impact of various usage conditions. The compact aluminum casing is fitted with a large, low-noise fan to keep your hard drive from failing and eliminate the internal heat of the RAID system.

Built-in power supply

ST2 is equipped with a high-efficiency internal power supply that complies with safety standards so that users will always have enough power for different hard drive usage conditions.

Provides up to 16TB of large storage capacity for your creations

ST2 is compatible with all brands of 8TB SATA hard drives. Install two 8TB hard drives under RAID 0 mode and the system will provide 16TB of access. Independent JBOD mode can offer independent storage areas even if the hard drives are of different capacities.

STARDOM
STORAGE SOLUTIONS

ST2-SB3
ST2-WB3

Equipped with removable drive trays
A big difference in the range of applications

The unique design of SATA hard drives gives itself removable characteristics; but through STARDOM's removable trays, removing and installing SATA hard drives is more comprehensive and secure. Through secure removable hard drive trays, users can easily move the entire hard drive like moving an entire video library. Users no longer need to rummage through a stack of CDs/DVDs to look for a video. Let the removable tray design make your workflow faster and more convenient. STARDOM has already envisioned these application advantages for users.

The cost performance of hard drives is already better than DVDs
Did you know that a 2TB hard drive is the equivalent of 400 4.7G DVDs? Are you still troubled with how to find an urgent file in all of the DVDs? Why not just buy a large-capacity hard drive to replace all of these DVDs? Use the hard drive as a large database and let the computer search the files for you so that all you need to do is concentrate on your creative work.

	CD (700 MB)	DVD (4.7G)	DVD (8G)
1 TB HDD	1380 pcs	200 pcs	120 pcs
2 TB HDD	2570 pcs	400 pcs	240 pcs
3 TB HDD	3900 pcs	600 pcs	350 pcs
4 TB HDD	5200 pcs	800 pcs	488 pcs

Removable design, use multiple hard drives flexibly

ST2 is designed with removable hard drive trays. The combination of the plug-and-play convenience of external casing with the tray's internal stability advantages offers you easy removal and installation while on the move. Both silver and black removable trays have the same structural design, thus both are compatible with all STARDOM 3.5" hard drive enclosures.

Never run out of hard drive space

As your iPhoto library grows, it may become too big to store on your computer's hard drive. Aperture lets you set up as many external drives as you want and specify where to store each of your photos — without changing anything in your Aperture library. You can access and edit your photos the way you usually do, no matter where the originals are stored. This feature also allows you to add hard drives one at a time, whenever you need them. So your setup can grow along with your library.

Storing across multiple drives in Aperture 3

Optional removable drive protective casing available

STARDOM 3.5" hard drive storage products are equipped with standard 3.5" SATA removable drive trays. With convenience and mobility, the trays provide easy maintenance, exchange of digital information, and sharing of materials for any project. Portable protective casing provides an extra layer of mobility and protection on the go.

Removable Design Makes it Easier to Use and Switch Out Multiple Hard Drives

The STARDOM's newly designed removable drive trays can accommodate 3.5" HDDs, 2.5" SSDs, and 2.5" HDDs (supporting a range of widths including 15 / 12 / 9.5 / 9 / 7 mm) and combine the convenience of external plug and play drives with the advantages in stability offered by internal drives, enabling you to enjoy the best of both worlds and increased mobility. In addition, the silver and black trays share the same structural design, making them compatible with all Stardom 3.5" HDD enclosures.

The new ST2 hard drive tray can now handle 2.5" SSD/HDD hard drives.

To transfer video captured from a Blackmagic Production Camera 4K to a mobile SSD, you can directly install the SSD on to the ST2's hard drive tray, and then connect it to a computer to perform editing or color correction on captured video directly. The hard disk can be formatted to be compatible with Mac HFS+ or Windows exFAT.

STARDOM
STORAGE SOLUTIONS

Products Rear Views

Specification		
Model No	ST2-WB3	ST2-SB3
Interfaces	Two Firewire 800 Ports / USB 3.0 Port	USB 3.0 Port / e-SATA Port Before using the ST2-SB3 e-SATA port, make sure that the host supports the port multiplier function in order for system to identify all the drives.
Compatible Drives	2 x 3.5"/2.5" SATA III HDD/SSD (up to 6 Gbps) / Support large volume up to 8TB	
Storage Mode	JBOD - Independent Mode / RAID 0 - Speed Mode / RAID 1 - Safe Mode	
Electrical and Operating Requirements	* Line voltage: 100-240V AC * Frequency: 50Hz to 60Hz, single phase * Maximum continuous power: 60W * Operating temperature: 50° to 95° F (10° to 35° C) * Storage temperature: -4° to 116° F (-20° to 47° C) * Relative humidity: 5% to 95% noncondensing	
Cooling System	6 cm Low noise fan	
Size and Weight	Height: 102 mm Width: 122 mm Depth: 205 mm Weight: 2.7 kg	
Product Code	EAN Code : 4711132864878 UPC Code : 884826504085	EAN Code : 4711132864861 UPC Code : 884826504078
Carton	8 pcs per carton	
Package Accessories	* ST2-WB3 x 1 * USB3.0 Cable x 1 * Firewire800 (1394b) Cable x 1 * AC Power Cable x 1 * Accessory kit * User Manual x 1	* ST2-SB3 x 1 * USB3.0 Cable x 1 * e-SATA Cable x 1 * AC Power Cable x 1 * Accessory kit * User Manual x 1

Stardom Headquarter

7F-9, No. 16, Lane 609, Section 5, Chongsin Road,
Sanchong City, Taipei County, Taiwan
Website : www.stardom.com.tw
E-mail : service@stardom.com.tw

Distributor