

SOHOTANK ST8-series

Up to 64TB.
Massive storage to go for video.

The ST8 Series is an eight drive storage solution that's capable of supporting up to 8TB drives in each drive slot in reaching up to a total of 64TB per system enclosure.

Available in e-SATA or mini-SAS

The ST8 Series is available in eSATA (6G) version or mini-SAS for the best output in performance. The SAS version is capable of accepting either SAS or SATA hard drives for the most cost effective and flexible storage system to own.



Ruggedly built with aluminum cooling

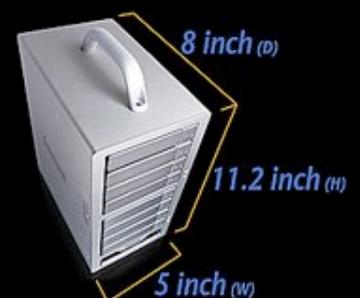
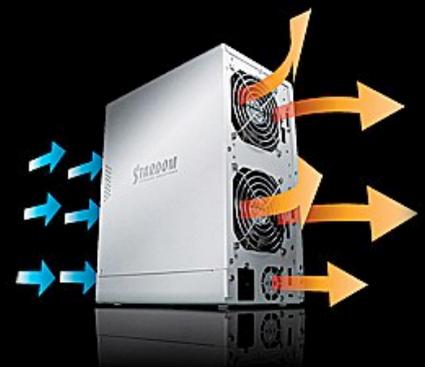
The ST8 is built tough with all aluminum surroundings to protect the enclosed drives, but when in operation, cools the system faster! Moreover, the system is equipped with 2 large quiet fans for continuous drawing away heat from the inside of the system for you drive to run comfortably.

Integrated SATA Port Multiplication

The ST8-S3P model (see spec.) integrates 2 sets of eSATA port multiplier connecting up to 4 drives each with one single eSATA cable to see and work each drives independently, effectively reducing messy and inconvenient cabling. Two cables are all that's required !

Compact and portable too

For field editing applications, the ST8-series can be made portable as it comes with a grip handle, which you can choose to install for making creative contents mobile convenient and less bulky.

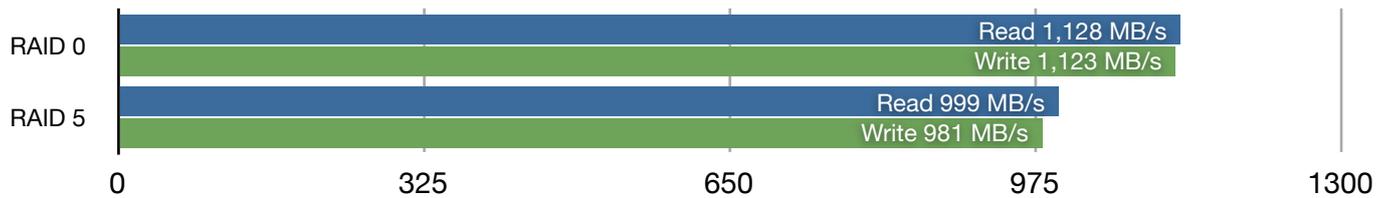


High-Performance, RAID Solutions for HD/2K/4K Production.



High Performance

When used with the ATTO R680 PCIe x8 RAID controller a ST8-U5 with eight 7200 RPM, SATA II drives in RAID 5 protected mode achieves close to 1000MB/sec performance and supports two simultaneous streams of uncompressed 10-bit HD or a single 2K DPX sequence.

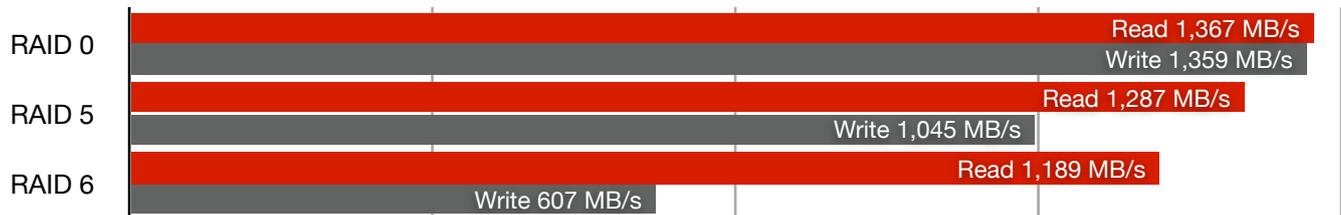


Test Environment

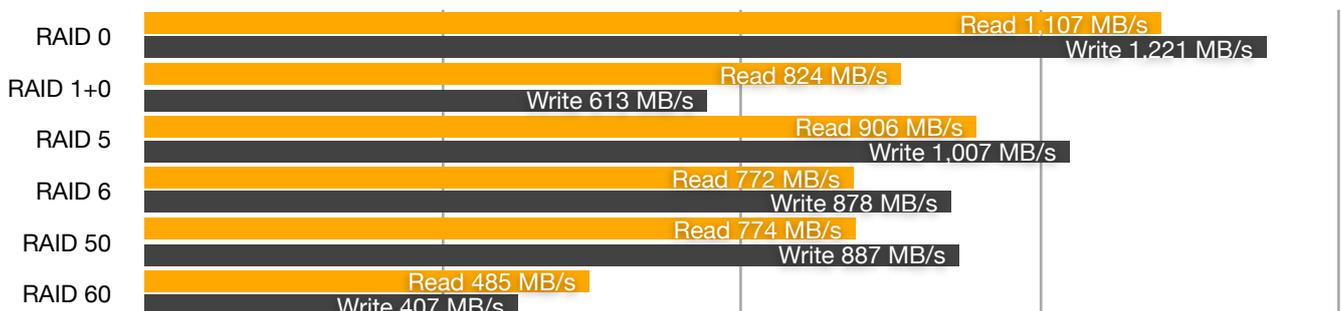
Testing conducted by STARDOM in January 2010 using an Apple Mac Pro 8 core 2.26 GHz with 6GB RAM running Mac OS X 10.6. Eight external drives (HITACHI 3TB SATA III 7200 rpm) were used as the test volume when AJA tests were performed.

ST8-U5 [miniSAS] with ARECA ARC-1882X

Mac Pro (mid 2010) 2.8Ghz Quad-Core Xeon / 3GB 1066 Mhz DDR 3 ECC
 Mac OS X Lion 10.7.1
 8x Seagate 3TB 6Gb/s SAS HDD
 AJA System Test / Single Volume / Frame Size: 1920x1080 10bit RGB / File Size: 16.0GB



Mac Pro (mid 2010) 2.8Ghz Quad-Core Xeon / 3GB 1066 Mhz DDR 3 ECC
 Mac OS X Lion 10.7.1
 8x Seagate 3TB 6Gb/s SATA [Enterprise HDD]
 AJA System Test / Single Volume / Frame Size: 1920x1080 10bit RGB / File Size: 16.0GB



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Specification		
Model No	ST8-S3P	ST8-U5
Interface	e-SATA(6G) Port x 2 (7 Pin)	minSAS(6G) Port x 2 (SFF8088 / 26 Pin)
Compatible Drives	8 x 3.5" SATA III HDD (up to 6 Gbps) Support large volume up to 8TB	8 x 3.5" SAS/SATA III HDD (up to 6 Gbps) Support large volume up to 8TB
Storage Mode	8 x Independent (JBOD)	
Electrical and Operating Requirements	<ul style="list-style-type: none"> * Line voltage: 100-240V AC * Frequency: 50Hz to 60Hz, single phase * Maximum continuous power: 300W * Operating temperature: 50° to 95° F (10° to 35° C) * Storage temperature: -4° to 113° F (-20° to 45° C) * Relative humidity: 5% to 95% noncondensing 	
Cooling System	9 cm Low noise fan x 2	
Product Size and Weight	Height: 287 mm Width: 170 mm Depth: 292 mm Weight: 8.5 kg	
Product Code	EAN 4711132866964 UPC 884826502401	EAN 4711132866803 UPC 884826502418
Carton	2 pcs per carton	
Package Accessories	<ul style="list-style-type: none"> * with removable drive tray enclosed x 8 * e-SATA Cable x 2 * AC Power Cable x 1 * Accessory kit * User Manual x 1 	<ul style="list-style-type: none"> * with removable drive tray enclosed x 8 * SAS Cable x 2 * AC Power Cable x 1 * Accessory kit * User Manual x 1

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