

SR3611-2S-S2 is an external RAID1 Mirroring data storage unit with superb performance providing fault-tolerance function and backup for two SATA-II Drives.



Features:

- **Real-time backup:**
Backup data through RAID1 mirroring function to prevent loss of data due to hard drive failure.
- **Large data backup:**
SR3611-2S-S2 supports >2TB large capacity to save and backup critical data. **(RAID grade drives are recommended only)**
- **Hot-Swap:**
A failed hard drive can be replaced without system power down.
- **Maintain computer efficiency:**
Backup performance is based on HDD size and speed. It has little or no effect on the system performance.
- **Driver-free, easy to manage:**
No driver. Easy to manage and monitor in time with LCD display or via Windows based GUI software.
- **Alarm System:**
The system will monitor the hard disk, fan and temperature. In case of any failure, it sets the alarm on automatically.

Technical Specifications

Host Interface	eSATA+USB2.0
Burst Transfer rate	SATA-II(300MB/Sec) / USB2.0(56MB/Sec)
RAID level	RAID 1 (support Hot Swap & data Auto-rebuilding)
HDD interface	3.5 " SATA 1.5 GHz/ 3.0 GHz
Support HDD capacity	>2TB (RAID grade drives are recommended only)
Software / hardware monitoring	RAIDGuide GUI Software / HDD, Temp. and Fan detector
Display	Blue light LCD / LED warning / Buzzer
OS Required	Mac 10.26 / Windows 2000, XP / Linux
Cooling fan	6cm Fan x 1
Power Supply	90-240V / 70 Watts
Temperature	0□ ~ 40□
Dimension (mm)	136W x199D x 108H
Weight (kg)	2 Kgs

Rebuild Time in Idle/No Access Mode for 250GB SATA-II Drive

	Successful Mirroring/HR	Rebuild Time GB/M
Primary → Secondary (SATA-II)	1:37hr	97 min = 2.58GB/M
Secondary → Primary (SATA-II)	1:37hr	97 min = 2.58GB/M

Performance Comparison

While Mirroring: 2xSeagate ES.2 250GB in SR3611 connected directly to the onboard SATA-II port

64Kb	Performance Benchmark with I/O Meter	
100% Sequential Read & Write	1437 IO/S 89.79 MB/S	755 IO/S 47.19 MB/S
100% Random Read & Write	122 IO/S 7.6MB/S	240 IO/S 15.02 MB/S
50% Read/Write & Random/Seq. Mix	180 IO/S 11.24 MB/S	

After Mirrored:2xSeagate ES.2 250GB in SR3611 connected directly to the onboard SATA-II port

64Kb	Performance Benchmark with I/O Meter	
100% Sequential Read & Write	1476 IO/S 91.70 MB/S	738 IO/S 46.11 MB/S
100% Random Read & Write	123 IO/S 7.71 MB/S	238 IO/S 14.89 MB/S
50% Read/Write & Random/Seq. Mix	181 IO/S 11.33 MB/S	

Compatible & Complementary Products

Both SR2611-2S-SB2 2-bay internal eSATA RAID1 and i303Tank single enclosure eSATA+USB2.0 are compatible with SR3611-2S-S2. These units are true SATA-II and use the same drive tray as SR3611-2S-S2.



SR2611 Internal 2-Bay SATA-II RAID1 Disk Mirroring with eSATA Interface



i303Tank External Single SATA-II Drive Enclosure with eSATA+USB Interface