

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 **1TB** large capacity to save and backup critical data.
- 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 and it will not have little or no effect on computer 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 occurred, 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 0 / RAID 1 (support Hot Swap & data Auto-rebuilding)
HDD interface	3.5 " SATA 1.5 GHz/ 3.0 GHz
Support HDD capacity	1TB
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 Between SR-3611 SATA-I/S1 & SATA-II/S2

1x Seagate ES.2 250GB HDD connected directly to the onboard Sata-II port

64Kb	S1	S2
Sequential Read	1212 IO/S 75.74 MB/S	1582 IO/S 98.90 MB/S
Sequential Write	855 IO/S 53.44 MB/S	871 IO/S 54.43 MB/S
Random Read	150 IO/S 9.377 MB/S	155 IO/S 9.69 MB/S
Random Write	221 IO/S 13.87 MB/S	212 IO/S 13.25 MB/S
50% Read/Write & Random/Seq. Mix	189 IO/S 11.86 MB/S	188 IO/S 11.77 MB/S

1 x Seagate ES.2 250GB HDD in SR-3611 (No Mirroring) connected directly to the onboard Sata-II port

64Kb	S1	S2
Sequential Read	1433 IO/S 89.6 MB/S	1462 IO/S 91.36 MBS
Sequential Write	871 IO/S 54.49 MB/S	873 IO/S 54.58 MB/S
Random Read	122 IO/S 7.61 MB/S	123 IO/S 7.69 MB/S
Random Write	241 IO/S 15.05 MB/S	243 IO/S 15.21 MB/S
50% Read/Write & Random/Seq. Mix	180 IO/S 11.25 MB/S	185 IO/S 11.57 MB/S

2 x Seagate ES.2 250GB HDD in SR-3611 (Mirroring) connected directly to the onboard Sata-II port

64Kb	S1	S2
Sequential Read	1154 IO/S 72.15 MB/S	1437 IO/S 89.79 MB/S
Sequential Write	757 IO/S 47.30 MB/S	755 IO/S 47.19 MB/S
Random Read	120 IO/S 7.47 MB/S	122 IO/S 7.6MB/S
Random Write	234 IO/S 14.62 MB/S	240 IO/S 15.02 MB/S
50% Read/Write & Random/Seq. Mix	177 IO/S 11.08 MB/S	180 IO/S 11.24 MB/S

2 x Seagate ES.2 250GB HDD in SR-3611 (Mirrored) connected directly to the onboard Sata-II port

64Kb	S1	S2
Sequential Read	1427 IO/S 89.16 MB/S	1476 IO/S 91.70 MB/S
Sequential Write	767 IO/S 47.94 MB/S	738 IO/S 46.11 MB/S
Random Read	125 IO/S 7.81 MB/S	123 IO/S 7.71 MB/S
Random Write	241 IO/S 15.03 MB/S	238 IO/S 14.89 MB/S
50% Read/Write & Random/Seq. Mix	184 IO/S 11.53 MB/S	181 IO/S 11.33 MB/S

Compatible & Complementary Products

Both SR-2611-2S-SB2 2-bay internal eSATA RAID1 and i303Tank single enclosure eSATA+USB are compatible with SR-3611-2S-S2. Both of these units are true SATA-II and use the same tray as SR-3611-2S-S2.



SR-3611-2S-S2 external has similar performance and features to SR-2611-2S-S2.

Specification for SR-2611-2S-S2 2-Bay RAID1 External RAID0/1 Subsystem

Host Interface	eSATA
Burst Transfer rate	SATA-II(300MB/Sec) / USB2.0(56MB/Sec)
RAID level	RAID 0 / RAID 1 (support Hot Swap & data Auto-rebuilding)
HDD interface	3.5 " SATA 1.5 GHz/ 3.0 GHz
Support HDD capacity	1TB
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
Temperature	0□ ~ 40□

Specification for i303-1S-SB2 1-Bay External Enclosure

Host Interface	SATA II (300 MB/Sec) + USB2.0(56MB/Sec) Combo
Drive Interface	SATA I 1.5 GHz / SATA II 3.0 GHz
System Requirement	Windows 98/SE/ME/XP/2000 ; Mac OS 9.0 or higher
Power Supply	Dual 12V & 5V DC Adaptor
Case Material	Aluminum
Dimension	40Wx200Lx120H mm
Weight	720g