RAIDON

Your Data Security Guardian

InTank Series

SR2611

RAID0

RAID1

Internal Storage

The SR2611 model is a fault-tolerant hard disk array machine which is easy to install and hot-swappable while the power is on. It is suitable for applications such as professional personal workstations, important PC servers, etc. as real-time backup storage equipment.

Built-in Disk Array Chip, Faster Speed

The SR2611 has a built-in array chip. The SR2045 chip directly performs hardware arrays. Unlike other software array modules which will take up the system resources and reduce the execution effectiveness of the application, the hardware array chip in the SR2611 will not only not take up the computer system resources, but it also does not affect application performance. It allows users to concentrate on the creative work, and at the same time, under the demands of multitasking and zero-delay, real-time backup, it protects all data by writing them completely onto two hard disks. One simple action can set the array mode required by the user.

Included Software Monitoring Program To Easily View Hard Disk Status

In the SR2611, in addition to the back light screen that can display the module status, for Windows users, a software monitoring program is also provided. It allows users to understand the module and hard disk status more directly through the monitoring program. Even better, after setting the monitoring program, it will take the initiative to send letters to users when the hard disk fails. This instant notification allows users to be aware of the situation as soon as possible to remedy the situation faster.

Convenient And Secure Extractable Hard Disk Module

RAIDON exclusive hard disk trays are designed with a safety lock and secure architecture to lock the hard disk. It effectively maintains sensitive data and is easy to use. If the hard disk is corrupted, users do not have to worry about data maintenance and simply need to buy the same model hard disk with the same capacity to make a replacement. It can greatly reduce the wait time for machine maintenance. Even users who do not understand computer hardware can quickly maintain and replace it.

Good Heat Dissipation Can Extend The Life Of The Hard Disk

The SR2611 is equipped with a 6-cm silent fan, by constantly creating air flow, heat generated by the high-speed rotation of the hard disk can be easily taken away. This maintains the normal operating temperature of the hard disk at all times. A longer life of your hard disk will properly protect your data.

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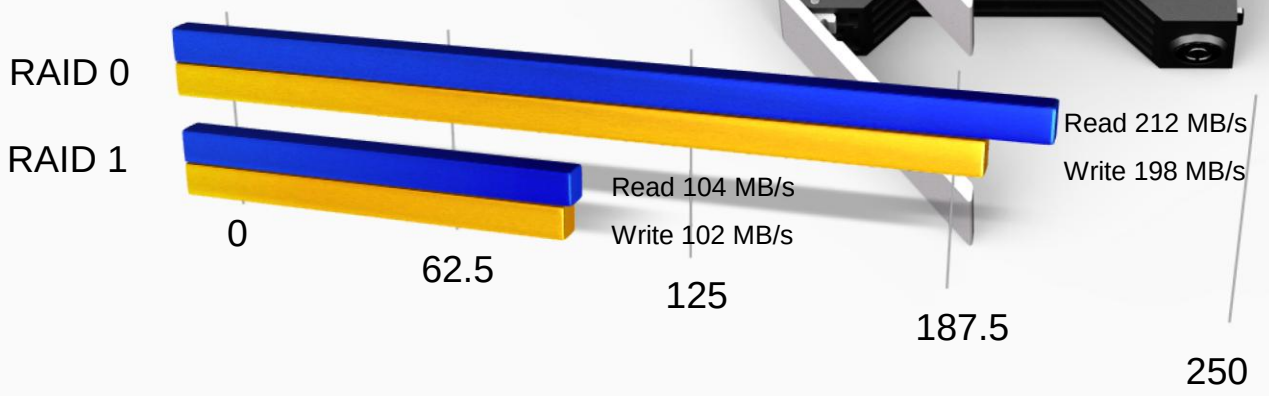
Let The SR2611 To Protect Your Important data



RAID 0 Mode

RAID 0 mode is appealing for its transmission speeds. It can accelerate the access speed of data, but it is not secure.

RAID 0 Speed Mode

The two disks are merged into one disk, providing no data security. When saving data, the data is divided into a number of segments corresponding to the number of disks. The segments are written to the disks simultaneously, making RAID 0 the fastest of the modes.

RAID 1 Mode

RAID 1 mode is the most secure. For fields which require high data security, it is the most appropriate storage mode.

RAID 1 Safe Mode

RAID 1 refers to mirroring. All data that is saved on the main disk is also written identically to the mirror disk. When the main disk is damaged, the mirror disk takes over the main disk. This makes RAID 1 the safest of the modes.

With the understanding of the transmission performance of the SR2611, in accordance with your own needs, you can select the required hard disk application mode.

Digital Photo Editing

- The SR2611 Makes The System Faster And Digital Photos More Secure

The SR2611 can be used as a workstation for photographers. Using the 2.5" hard disk slot to install the solid-state hard disk, the performance of the system can be faster, whether running PhotoShop or Lightroom, to edit photos or to search thumbnails. Moreover, by using the storage space constructed by the 3.5" RAID 1, it is suitable for gamers to save large amounts of original RAW files as well as following-up completed files after editing.

Proposed Work Flow

1. Use the 3.5" array (RAID 1 mode) as the data disk to store the original photos (RAW file or JPG file).
2. Use the image editing program to open the original file for editing, and save edited files back to the 3.5" array in order to protect data security.
3. Regularly transfer edited photos and original files older than 6 months into storage devices with larger capacity (such as SR4,-WBS3 etc.) for long-term data preservation, and at the same time maintaining sufficient storage space within the 3.5" array in the SR2611 to save the follow-up work required.

Because people and scenery change over time, digital photographers must be sensitive to the importance of preserving digital photos because the majority of people and scenery are not available for re-shoots and business owners are not necessarily willing to invest in the re-shoots. Hence the long-term protection of these digital files is very important.

Digital Video Surveillance

- Let The DVR Device To Install And Use The SR2611 Easily.

Take advantage of the durable solid-state hard disk to install your DVR operating system and use two hard disks with up to 3TB capacity and RAID 1 to protect the long-term data. You can even use the SR2611' s hot swapping feature to extract the 3.5" hard disk periodically and to save it in the data center, then to put in a new hard disk so the SR2611 can continuously perform instant backup.

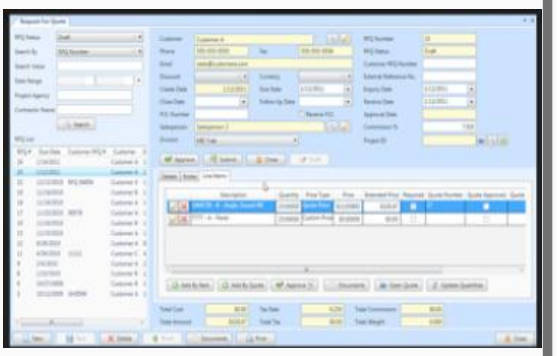
Proposed Work Flow

1. Set the 3.5" array (RAID 1) as the video storage disk for long-term preservation of recordings.
2. Hot extract one of the 3.5" hard disks periodically and bring it back to the data center for data storage or archive. And place new hard disk to maintain the RAID 1 architecture and to record continuously.

Commercial Accounting System Database Backup

- Use RAID 1 For Long-term Protection Of Corporate Accounting Databases.

Use the durable solid-state hard disk to install your server operating system and two hard disks with up to 3TB capacity at RAID 1 to protect accounting system databases long-term. Small and medium enterprises no longer need to worry about the unnecessary loss of accounting system data due to hard disk damage.



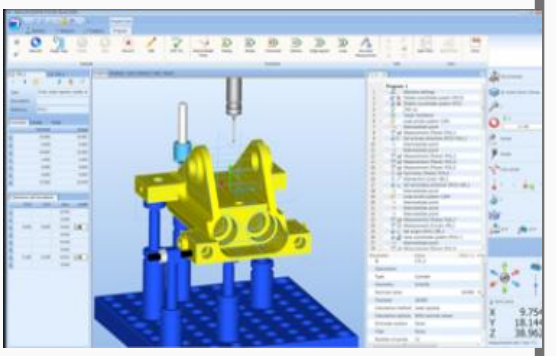
Proposed Work Flow

1. Set the 3.5" array (RAID 1) as the accounting system database, in order to backup required data long-term.
2. If the hard disk is damaged in the RAID 1 module, you just need to buy a hard disk with the same specifications to replace it, and you can continue to back up the data without waiting for maintenance.
3. You can periodically backup the database to external storage systems (such as SR2 or SR4 etc.), in order to avoid the lengthy process of transferring databases due to damages caused by other components within the server.

Maintain Automation Equipment System

- Use RAID 1 To Maintain Stable Operation Of Automation Equipment.

The advantage of automation equipment is in its production efficiency. In high-speed production processes, the matter worried most is system failure. System failure will cause a shut down of an automated production line. Production loss during these shutdowns is far greater than business owners can image. By using the SR2611 RAID 1 module, you can protect automation systems long-term operation and do not have to worry about halts in automated production equipment due to hard disk damage. This is the most cost-effective equipment choice. From small-scale CNC machining to large-scale semiconductor manufacturing processes, the RAID 1 module is recommended to protect the long-term operation of systems and achieve high production efficiency.



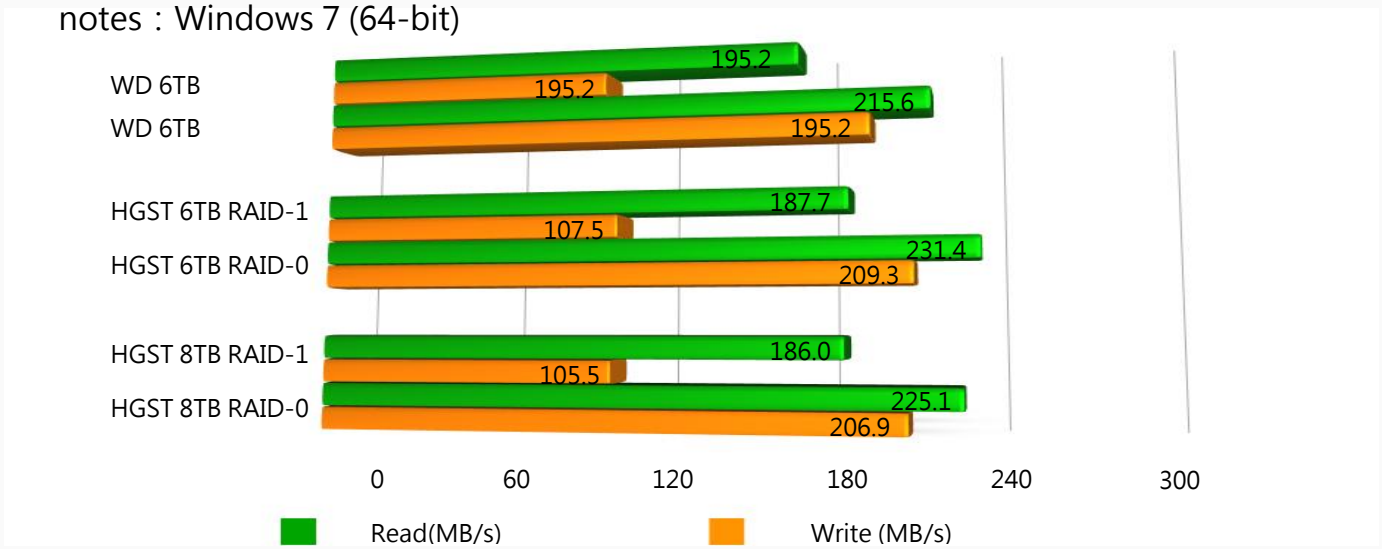
Proposed Work Flow

1. Use the 3.5" array (RAID 1) to install the automation system to maintain long-term operation of the automated system.
2. Every two years, you should renew the hard disks regularly used to ensure that hard disks with similar specifications can be found if the hard disk is damaged.

SR2611-2S-S2R 8TB System Test

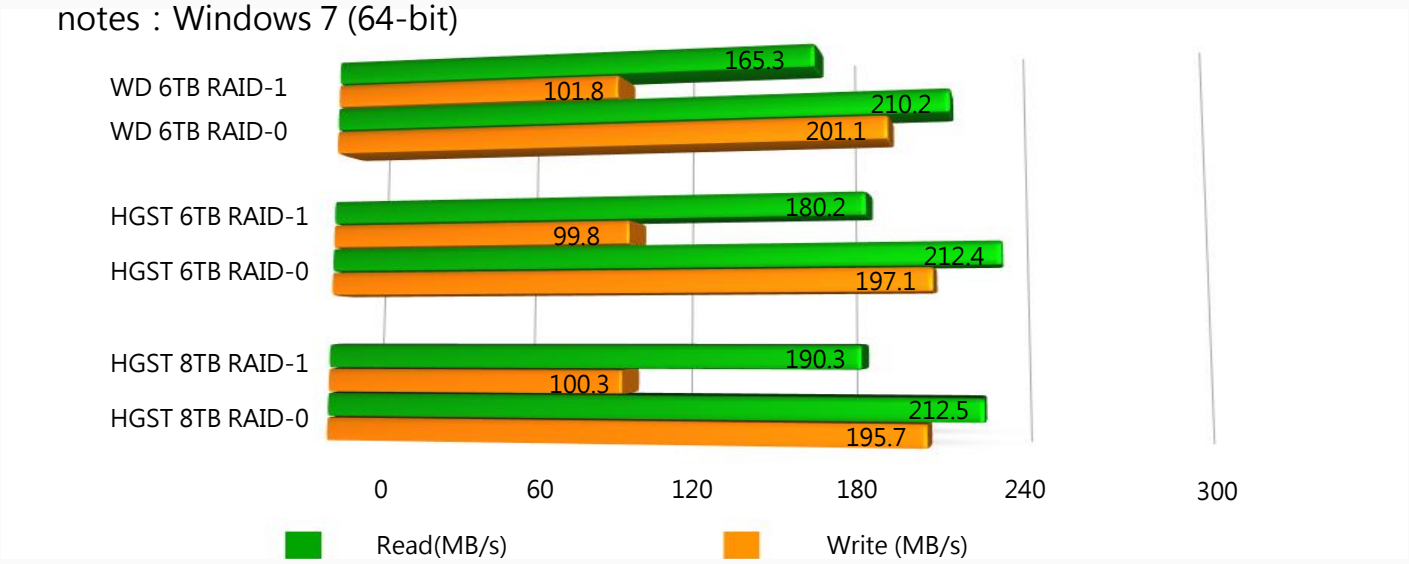
ATTO Disk Benchmark(sequential)

notes：Windows 7 (64-bit)



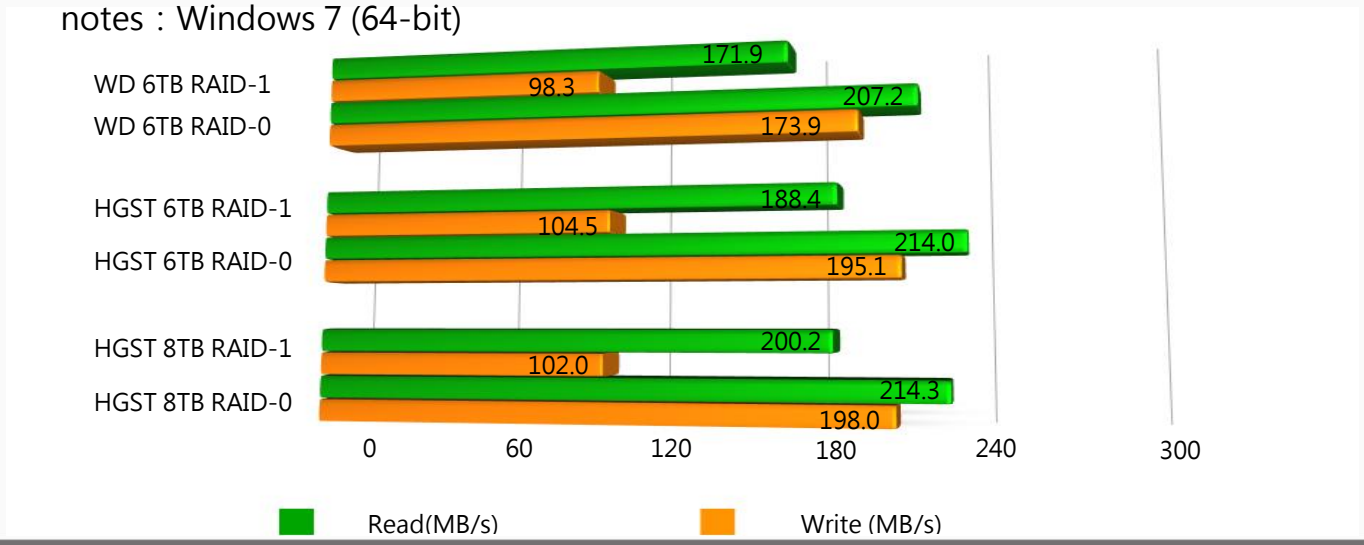
AJA System Test

notes：Windows 7 (64-bit)



CrystalDiskMark(sequential)

notes：Windows 7 (64-bit)



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Products Views

1. Fan.
2. RAID Mode.
3. RS232 Port.
4. SATA Port.
5. 4 Pin Big Power Connector.

Model No.	SR2611-2S-S2R
Chipset	RAIDON SR2045
Drive Bay	2 CDRom DriveBay
Drive Fit	3.5" SATA HDD x 2
HostInterface	SATA Connector (7Pin)
RAID Level	RAID 1 / RAID 0
Hot-Swap	RAID 1
Power Supply	BIG 4Pin Connector x 2
Engineering Configration Port	RS232
Status Display	LCD Display
Cooling Fan	6cm Fan
Buzzer Alarm	YES
Environment Detector	Fan Failure / Overheat
Dimensions	146 (W) x 202 (L) x 85 (H) mm / 1.3 KG
Certifications	CE / FCC
Function Control Interface	GUI (Windows Only)
Packing Content	SATA Cable、Internal RS232 Cable、External RS232 Cable、CD、Accessory Kit
HDD Capacity	Single HDD tested up to 8TB RAID 0 "SEE HDDs has been tested"

Product and Packaging Information			
Net Dimension	146W×202D×85Hmm	Net Weight	1.4 Kg
Single Package Size	135W×303D×200Hmm	Net Weight (including Packing)	2 Kg
Carton Size	297W×636D×433Hmm	Gross Weight	16.2 Kg/carton
Carton Quantity	8 units / carton	Country of Original	Taiwan
EAN Code	4711132863895	UPC Code	884826503118

Actual product specification is base on delivery, subject to be changed without further notice.