

RAIDON



InTANK iR8023-S3

Hardware RAID Module for 3 x M.2 SATA SSD

LCD Display and LED Indicators for System Monitoring During Operation

iR8023-S3 is a fault-tolerant Hardware RAID module which is easy to be installed and supports hot-swap function, allowing disks to be replaced even the power is on. It is suitable for applications such as professional workstations, file servers and as real-time backup storage systems.

iR8023-S3 supports two M.2 SATA solid state disk (SSD) for RAID 0/1, and one M.2 SATA SSD for JBOD, has two SATA host interfaces. iR8023-S3 is a dual function RAID storage module, offering data security and removable storage for on the go data transport

Features

1. LCD for System Monitoring
2. Supports Hardware RAID 1/0 and JBOD
3. Support 2 x M.2 SATA SSD
4. Support 2242/2260/2280 M.2 SATA SSD Dimension
5. Support Hot-swap function
5. GUI can show the RAID disk S.M.A.R.T. information (Windows only)
6. One CD-Rom (1U) Dimension

"2+1" design provides more different storage application options

1. Users can choose to use the independent M.2 SATA solid state disk (SSD) as the boot disk to speed up the system performance, and the RAID 1 storage as a data disk to protect the data security.
2. User can also use the RAID 1 storage as a boot disk, the independent M.2 SATA solid state disk (SSD) as the data backup disk. And then the important data can have an additional backup, when in the event of a fire or earthquake, user can quickly carry and ensure important information.

RAID for Data Security



(1) 2.5" M.2 SATA SSD for Operation System + M.2 SATA SSD RAID for Data Safety

Data On The Move



(2) M.2 SATA SSD RAID for Operation System + Additional M.2 SATA SSD for Data Offsite Backup

User-friendly Display

iR8023-S3 is equipped with clear readable LCD and LED indicators for system monitoring during operation, therefore, users can easily grasp the status of the system at all times. Moreover, it comes with visual and audio alarms whenever failure occurs.



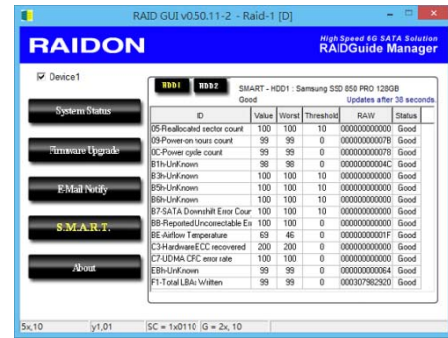
Good Heat Dissipation Extend the Life of the M.2 SATA SSD

iR8023-S3 is equipped with a 4cm silent fan, by constantly creating air flow, heat generated by the disk can be easily taken away. This maintains the normal operating temperature of the disk at all times and to extend the life of disks that will properly protect your data.

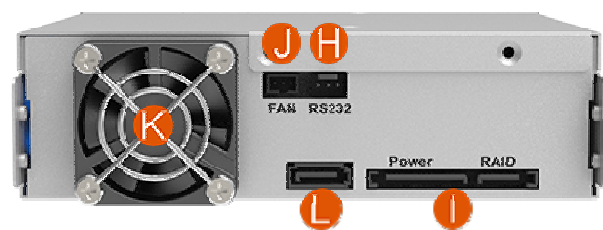
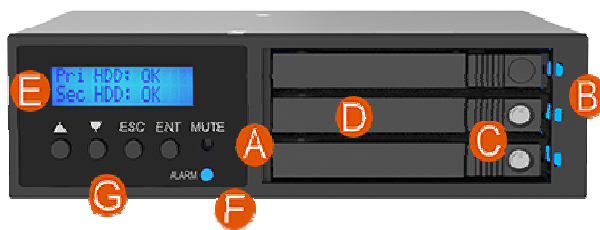


GUI can Show the Disk S.M.A.R.T Information

iR8023-S3 provides the GUI that can show the S.M.A.R.T (Self Monitoring, Analysis, and the Reporting Technology) Information of disks (for RAID only). Just open the RAIDGuide Manager Utility, user can using it to know the disks' status, and could even to replace any disk which is might be damaged in advance to help an even better protection for all your data.



Product Appearance Description



- A. Mute Button
- B. HDD status indicator LED
- C. Key Lock
- D. HDD tray

- E. LCD Display
- F. LED of failure Alarm
- G. Configure Button

- H. RS232 Port
- I. 7+15 Pin SATA Connector
- J. Fan Connector
- K. Cooling Fan
- L. 7 Pin SATA Connector

Interfaces	2 x SATA III (6Gbps)
Compatible Drive	3 x M.2 SATA Solid State Drive(SSD)(2242/2260/2280)
Certification	CE / FCC
RAID Mode	RAID 1 / RAID 0 + JBOD
Operating System Support	Windows, Linux
Cooling Fan	1 x 4cm Fan
Electrical and Operating Requirements	*Line voltage: 12V+5V, DC *Operating temperature: 0° to 40° C (32° to 104° F) *Storage temperature: -20° to 47° C (-4° to 116° F) *Relative humidity: 5% to 95%, no condensing
Size	Height: 43 mm Width: 140 mm Depth: 148 mm
Product Code	EAN : 4713227441544 UPC : 884826506102
Carton	10 pcs per carton
Package Accessories	1 x iR8023-S3 1 x SATA Cable 1 x Accessory 1 x Quick Installation Guide