

RAIDON



InTANK iR2970

Internal RAID Module with 1 Floppy Bay and Dual 2.5" HDD/SSD Support

Featuring optional hardware RAID mode and user-friendly GUI RAID mode for effortless RAID configuration adjustments

The iR2970 not only offers a wide range of RAID features but also has a user-friendly design for installation. With a physical size comparable to a 3.5" HDD, the iR2970 allows for easy integration into your PC/Server, enabling you to benefit from its numerous RAID capabilities.

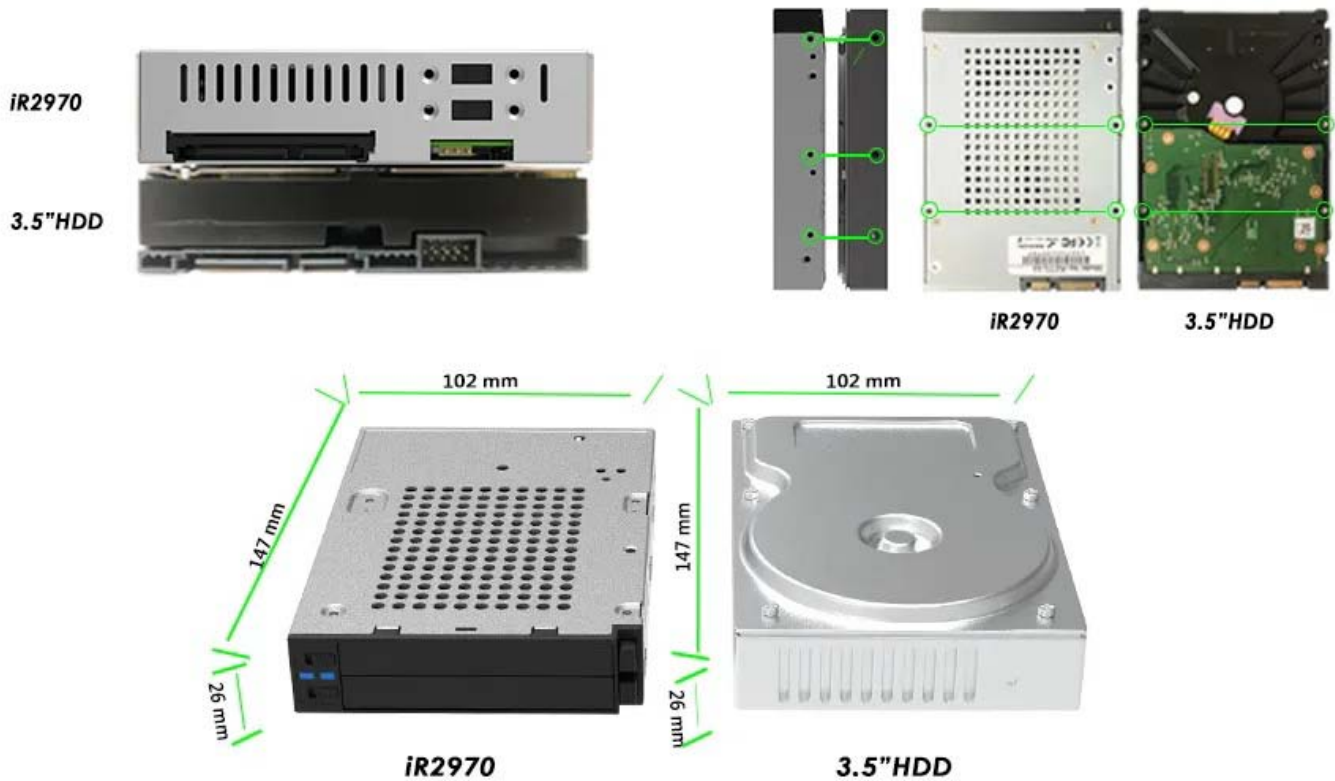
The iR2970's adaptability and simple installation process make it an invaluable component for tailoring storage configurations to individual requirements, ultimately contributing to a superior user experience.

Features

1. Form factor as a 3.5-inch SATA hard drive
(Compatible with Floppy size)
2. Support hardware setting and GUI setting mode
3. Support RAID 1/RAID 0/BIG/JBOD RAID modes
4. Removable and hot-swappable disk tray design
5. Fan-less with cooling hole design
6. LED disk indicators and monitoring software allow operation and maintenance more easier
7. Screwless disk tray design, convenient and quick replacement of Disk
8. The push button for disk tray ejection, more intuitive to use
9. Disk tray lock latch to prevent accidental disk ejection
10. All-metal shell and air hole design to enhance heat convection effect

Maintains the same SATA connector locations, dimensions, and screw hole positions as those found on a standard 3.5" hard disk drive

The RAIDON iR2970 internal RAID module is compatible with SATA III 6.0 Gb/s host interfaces and utilizes a SATA 15-pin power supply. Its connector locations are identical to those of a 3.5" hard drive, eliminating the need for additional brackets during installation. Simply integrate the iR2970 into your existing PC to upgrade it into a system with hardware RAID storage capabilities.



Features RAID mode selections that simplify configuration changes and optimize the RAID setup process

When the iR2970 operates in hardware RAID mode, users can conveniently modify storage settings through the rear panel, streamlining RAID configuration. The rear panel enables switching and fine-tuning among four RAID modes: RAID 1/0, JBOD, and SPAN (BIG), providing users with a versatile range of storage solutions. (GUI mode only support RAID 1/0/SPNA(BIG) modes)



Includes a graphical user interface (GUI) software solution that allows for monitoring the status of the RAID configuration

In GUI RAID mode, Windows users can utilize the RAIDGuide Manager monitoring program to configure a range of RAID modes for the iR2970. The RAIDGuide Manager monitoring program delivers real-time monitoring of RAID module and hard drive statuses, enabling users to easily assess system performance. Additionally, it provides a LOG function that allows customers to review historical system activity for further analysis and troubleshooting purposes.



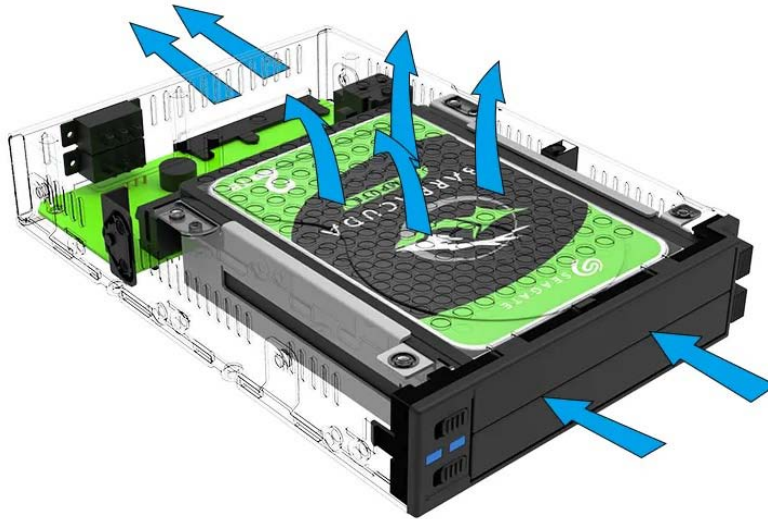
Equipped with a removable and hot-swappable tray design, enabling easy installation and removal of two 2.5" HDD/SSD storage devices

The iR2970 is equipped to support 2.5" HDD/SSD hard drives, which can be effortlessly installed and employed by users. Customers have the option to purchase multiple disk tray modules, securely install the disks, and establish a robust storage solution. This configuration allows for streamlined disk replacement processes in case of failure, minimizing system downtime and reducing maintenance-related wait times. Such design ensures efficient system operation, enabling users to optimize productivity and maintain a competitive edge.



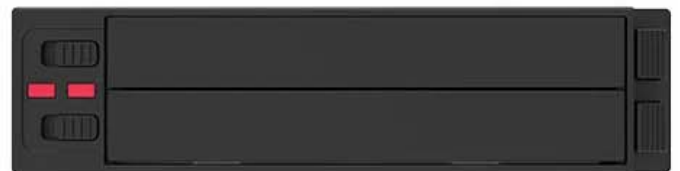
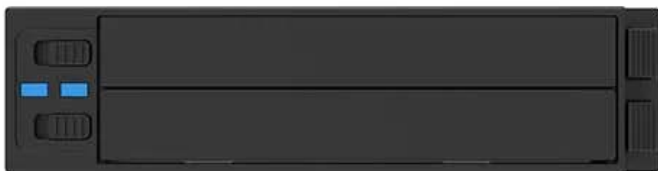
Advantages of Fan-less Cooling Hole Designs for Efficient Heat Dissipation

In high-speed production line applications, system failure can cause significant financial losses and reduced efficiency. To prevent such issues, businesses or SOHO specialists can rely on iR2970's RAID 1 mode, which provides a reliable solution for duplicating data across two hard drives to create a backup in case of unexpected failure. This mode ensures uninterrupted operation, minimizes the risk of system failure, and increases efficiency by enabling 24-hour operation with minimal interruption. As a result, implementing iR2970's RAID 1 mode is a cost-effective solution that minimizes financial losses caused by unexpected downtime in high-speed production line applications.



Enhancing Operation and Maintenance with LED Hard Disk Indicator Light

The iR2970 is furnished with an LED display that presents hard disk data access information in a clear and easily understandable manner. This feature enables users to conveniently monitor the system's status at all times, facilitating operation and maintenance tasks.



Product Appearance Description



- A. HDD/SSD Tray Lock
- B. HDD/SSD LED Indicator
- C. HDD/SSD Tray
- D. HDD/SSD Tray Ejection

- E. RAID Switch
- F. H/W RAID Mode & GUI Mode Switch
- G. 15-pin Power Connectors
- H. SATA Port

Interfaces	1 x SATA III (6Gbps)
Compatible Drive	2 x 2.5" SATA Disk (HDD/SSD)(under 9.5mm height)
Certification	CE / FCC
RAID Mode	RAID 1 / RAID 0 / JBOD / SPAN(Big)
Operating System Support	Windows, Linux
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: 26 mm Width: 102 mm Depth: 147 mm
Product Code	EAN : UPC :
Carton	32 pcs per carton
Package Accessories	1 x iR2970 1 x Accessory 1 x Quick Installation Guide