

iR2022

(1 CD-ROM Bay for Two 2.5" HDD/SSD Internal RAID Module)

Ture Compact Size



iR2022 supports two 2.5" SATA III (6.0 Gb/s) HDDs/SSDs includes mirroring RAID 1 function to back up and protect data in time, reducing system and hard drive failure. Additionally, the iR2022 supports RAID 0 function, which enhances the read/write performance and speed.

Furthermore, it is embedded with RS232 port for hardware monitoring purposes. With a compact size to match a 5.25" CD-ROM, the internal iR2022 is a perfect fit for servers, IPCs, and workstations.

Professionally Nominated and Recommended



iR2022 accommodates two 2.5" SATA III (6.0 GB/s) HDDs/SSDs and offers both RAID 0 and RAID 1 functions. The raid 0 function enhances the total capacity of the two hard drives as well as the reading/write performance. The RAID 1 function produces data redundancy to protect the hard drive and prevent any unexpected system failure.

A User-friendly Display

Equipped with a clear, readable LCM display with LED indicators, the iR2022 allows for system monitoring during operation at all times. Moreover, it produces a visual signal along with an audio alarm that will alert users of any system failure.



iR2022 RAID Mode

RAID Mode

0

RAID 0 mode (stripping) provides higher data reading and writing performances by dividing a single file into two files and storing one on each drive.



RAID Mode

1

RAID 1 mode (mirroring) backs up the identical data in both drives to prevent data loss from hard drive failure.



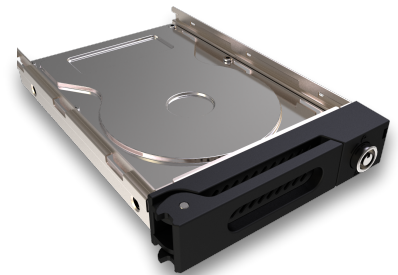


Easy System Upgrade

Upgrade your system to RAID function by installing an iR2022 into one standard 5.25" CD-ROM bay. This internal data storage will help solve the problem of needing a large storage but having limited space.

Convenient and Removable Model Design

The RAIDON exclusive HDD/SSD tray is designed with a safety lock to protect the hard drive from theft. This will help keep sensitive data safe. If the hard disk is corrupted, users simply need to buy the same model hard disk to replace the corrupt part. This significantly reduces the wait time for machine maintenance. Even users who do not understand computer hardware can quickly and easily maintain and replace the hard drive.



Efficient Heat Dissipation to Extend Product Life

The iR2022 is equipped with a 4 cm silent fan that constantly creates air flow to dissipate heat generated from the high-speed rotation of the hard disks. The fan maintains the normal operating temperature of the hard disk at all times, which will increase the product life of both your iR2022 and the two hard disks.

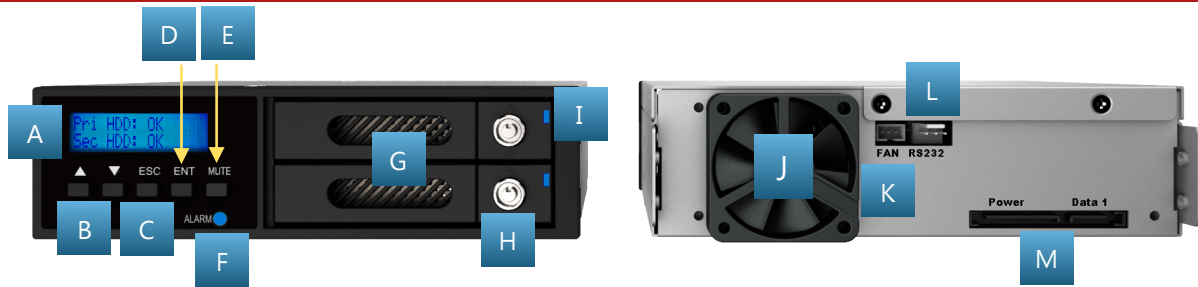


High Data Transmission Bandwidth to Increase Efficiency

The iR2022 series, which is backwards compatible with 3.1/1.5 Gb/s, also supports SATA III (6.0 Gb/s) transmission bandwidth. Its impressively high speed allows for high read/write efficiency and performance to accommodate large video editing or graphic design projects.



iR2022 Specification



- | | | |
|-----------------------|----------------------------------|----------------------------|
| A. LCD Display Panel | F. Power (Malfunction Indicator) | K. Fan Connector |
| B. Up and Down Keys | G. Tray Handle | L. RS232 Connector |
| C. ESC Button | H. HDD/SSD Tray Key Lock | M. 7+15 Pin SATA Connector |
| D. Enter Button | I. HDD/SSD Status Indicator | |
| E. Buzzer Mute Button | J. Fan | |

Specification	
Model No	iR2022
Interfaces	7+15-pin SATA III (6.0Gb/s) Port
Compatible Drives	2.5" SATA III, II, I HDD/SSD (x2)
Raid Level	RAID 0 / RAID 1
System Monitoring	Fan Failure, Overheat. HDD/SSD Failure
Cooling System	4 cm Low Noise Fan
Electrical and Operating Requirements	<ul style="list-style-type: none"> * Line Voltage: 12V/5V DC * Maximum Power Consumption : 30W * Operating Temperature: 10°C ~ 35°C (50°F ~ 95°F) * Storage Temperature: -20°C ~ 47°C (-4°F ~ 116°F) * Relative Humidity: 5% ~ 95% Noncondensing
Dimension (mm) ; Weight (Kgs)	148x140x43 (WxLxH) ; 0.92
Product Code	EAN : 4711132864366 UPC : 884826500483
Carton	10 pieces per-Carton
Package Accessories	<ul style="list-style-type: none"> * iR2022 x1, Including the Removable HDD/SSD Tray x2 * SATA Cable x1 * Internal RS232 Cable x1 * External RS232 Cable x1 * Key x2 * Accessory Kit Bag x3 * Quick Installation Guide x1 * CD x 1

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