

## Raidon iR2321 SATA RAID Internal RAID Storage 3-Bay 2.5-Inch with CD-ROM Drive Form Factor

With 2x6Gb SATA ports, support to RAID-0 and -1, and integrated JBOD in-line SSD hot-swappable extractor

[Raidon Technology, Inc.](#) announced the [iR2321](#) internal RAID storage with a form factor equivalent to a CD-ROM drive.



It presents an approach to storage by supporting a RAID-1 configuration involving 2x2.5" SATA SSDs. This setup ensures continuous operation by designating one SSD as the primary boot disk and providing real-time backup capabilities. In addition, the iR2321 houses JBOD In-line SSD Extractor, which serves as a dedicated space for data backup. This makes it a flexible and reliable solution for optimizing storage and backup processes.



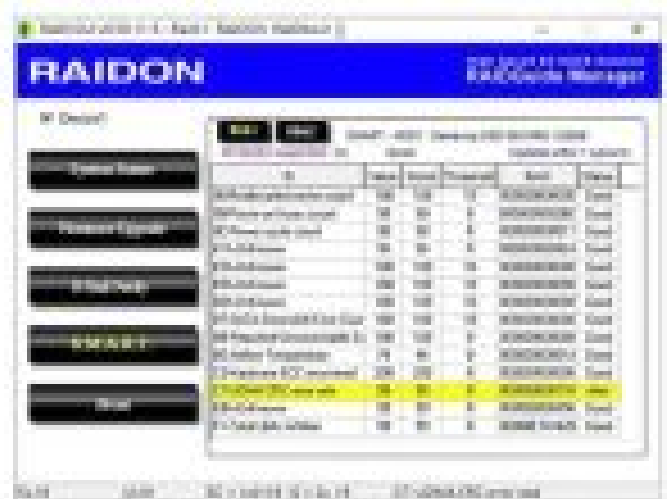
### Features and benefits:

- **Integrated JBOD in-line SSD hot-swappable extractor:** This feature allows for flexible data management with hot-swapping capabilities.
- **CD-ROM drive equivalent form factor:** The device showcases a design, fitting compactly into a single CD-ROM bay.
- **Support for 2.5" SATA HDDs or SSDs:** Ensures compatibility with a range of storage devices for versatility in usage.

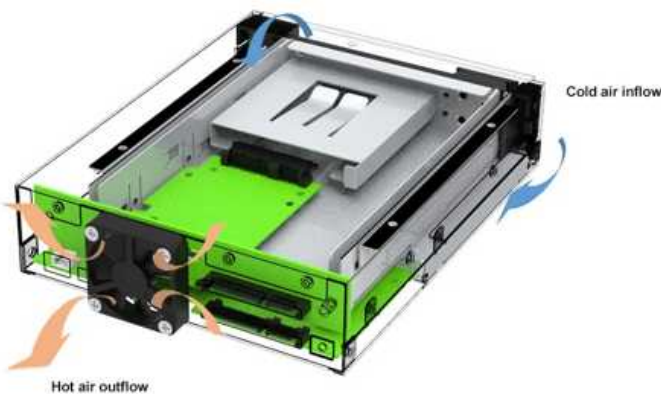


- **2 RAID modes support:** Provides RAID-1 and -0 configuration options.
- **Extensive storage configuration with independent JBOD in-line SSD Extractor:** This feature increases flexibility and control over storage and management.

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- **Statusguard GUI and drive S.M.A.R.T monitoring (Windows only).**
- **Hot-swappable and plug-and-play:** Facilitates easy replacement and upgrades of drives without system interruption.
- **Key lock feature:** Provides an additional layer of security to protect the drives.



- **Efficient heat dissipation with silent fan:** Ensures the device runs while minimizing noise.
- **LED light indicator for drive monitoring:** Allows for quick and easy monitoring of drive status.
- **Easy access RAID mode switch on back panel:** Facilitates simple and convenient switching between RAID modes.

- **Durable metal construction:** Offers a robust and resilient build for long-lasting performance.

## RAID for Data Security



**Applications:** (1) 2.5" HDD/SSD for Operation System + RAID for Data Safety

**The iR2321, with its features and robust construction, can find application in variety of scenarios:**

- **SMBs:** For businesses with growing data storage needs, it offers an efficient and compact solution for backup and redundancy.
- **Workstation users:** Professionals in data-intensive fields like graphic design, video editing, or 3D modeling could benefit from the speed and reliability of the product's RAID configurations.
- **IT infrastructure:** It can serve as a key component in servers, data centers, and other IT environments that require high availability and data integrity.
- **Educational institutes and research facilities:** The device can be used for storing and managing large amounts of research data, providing both speed and redundancy.

## Data On The Move



(2) RAID for Operation System + Additional HDD/SSD for Data Offsite Backup

- **Home use:** Tech-savvy home users or home office setups would find the iR2321 useful for managing personal data, media libraries, or as a part of a home server.
- **CCTV and surveillance systems:** The device's large storage capacity and RAID functionalities make it for use in CCTV and other surveillance systems that require constant data recording and backup.
- **Healthcare facilities:** Medical institutions with the need to store large volumes of patient data, including imaging data like MRIs and CT scans, could make use of the device.
- **Audio/Video production houses:** The device could be used to store large files, edit videos in real time, and ensure that no data is lost in the event of a drive failure.



- A. Mute Switch
- B. HDD status indicator LED
- C. 2.5" HDD slot
- D. HDD tray
- E. HDD Access LED
- F. Fail status indicator LED
- G. RAID Switch



- H. FAN Port
- I. 7+15 Pin SATA Connector x 2
- J. Cooling Fan

<b>Model No</b>	<b>iR2321</b>
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<b>Interfaces</b>	2x6Gb SATA ports
<b>Compatible drives</b>	3x2.5" SATA HDD/SSD
<b>Storage level</b>	RAID 0/1 + independent volume( 2.5" SATA HDD/SSD )
<b>System monitoring</b>	Fan failure / overheat
<b>OSs</b>	Windows, <u>Linux</u>
<b>Cooling system</b>	4cm low noise fan
<b>Dimension and weight</b>	146(W)x 42(H) x 198(L) mm
<b>Package accessories</b>	iR2321 SATA cable x 2 Accessory kit-for tray Accessory kit-for case Quick installation guide