

Raidon iR2024T Internal RAID-1

For 2xSATA 2.5" SSDs in CD-ROM bay

[Raidon Technology, Inc.](#) launches the [iR2024T](#), an internal storage solution designed for data safety.



When utilizing SSDs in RAID-1 mode, this 1-touch RAID-1 backup feature addresses the inherent limitations of SSD RW cycles. By mirroring data from one SSD to another on demand, it offers a safeguard vs. the risks associated with frequent SSD RW operations.



With the iR2024T, concerns about potential data loss due to simultaneous SSD failures and subsequent RAID failures are a thing of the past. Trust in the product for a secure and reliable storage experience.



Features:

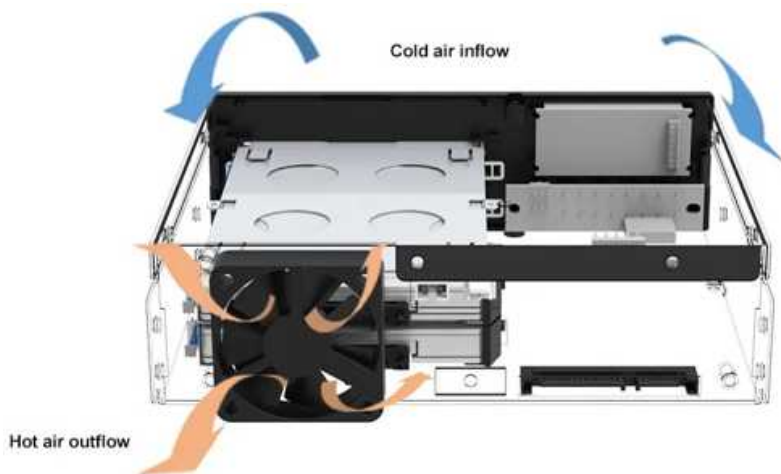
- **Internal storage solution:** Crafted for integration within systems, it is designed to replace an optical drive.

- **RAID-1 mode compatibility:** Specifically tailored for SSDs operating under RAID-1 mode.
- **One-touch RAID-1 backup:** A feature that allows users to mirror data from one SSD to another with a single touch.
- **Data mirroring:** Ensures that data is duplicated across SSDs, providing an added layer of data protection.
- **Swift data recovery:** In the unfortunate event of data loss or corruption, the RAID-1 configuration ensures immediate and seamless data recovery. This minimizes potential downtime and operational disruptions.
- **6G SATA support:** Immerse in data transfer speeds. With its 6G SATA support, data-intensive tasks are executed with finesse.
- **Compact and efficient design:** Space is premium. Designed to snugly fit into a 5.25-inch CD-ROM bay, the iR2024T ensures you never have to compromise on space.

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- **STATUSGUARD GUI and SMART monitoring:** The firm’s STATUSGIARD GUI is a vigilant sentinel for the drives. The marriage of an intuitive GUI with the S.M.A.R.T monitoring ensures health and performance of drives.



- **Silent and efficient cooling:** The silent fan in iR2024T ensures the drives remain cool, optimizing longevity and performance without the noise.
- **KeyLock tray design:** With a built-in keylock tray, the product provides an additional layer of data security.
- **Informative LCD screen:** It features a real-time RAID configuration LCD display, keeping users informed about the statuses of SSDs.
- **Durable construction:** In the evolving digital landscape, durability is key. Crafted with rugged metal, the product is not just built for the present but designed to withstand the tests of time.
- **Proactive Safety Alerts:** Advanced alarms act as vigilant guards, alerting to overheat scenarios or RAID

malfunctions, prompting timely interventions.

- **Trusted brand excellence:** RAIDON stands as a beacon of reliability and innovation in storage solutions. With the iR2024T, users are not merely purchasing a product; they're securing peace of mind that comes with the brand's esteemed reputation.

Applications:

The iR2024T's emphasis on data safety and recovery:

- **Data-critical environments:** For businesses or institutions where data integrity and safety are paramount, such as financial institutions, healthcare organizations, or research facilities. This application stands out as the most crucial, as any data loss in these sectors can have significant consequences.



IPC (Industrial PC) industries revolve around rugged and reliable computer hardware designed for specific tasks in challenging environments. Given the robust nature of the iR2024T and its features, it can be instrumental in various IPC applications as the below list.

- Industrial automation and control
- SCADA systems:
- Robotics and CNC machines
- AI in quality inspection
- Energy management
- Transportation and fleet management
- Agriculture and precision farming
- Environmental monitoring
- Medical and healthcare IPC
- Defense and military applications
- Maritime and offshore drilling



- 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
(OTB One-Touch Button)

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

Model No	iR2024T
Interfaces	SATA III 6Gbps Connector (7Pin)
Compatible Drives	2 x 2.5" SATA III HDD/SSD
Storage Level	One-Touch RAID 1 Backup
System Monitoring	Fan Failure / Overheat
Operating System	Windows , Linux
Function Control Interface	GUI (Windows Only)
Cooling System	4 cm Low noise fan
Electrical and Operating Requirements	<ul style="list-style-type: none"> * Line voltage: 12V + 5V DC * Operating temperature: 32° to 104° F (0° to 40° C) * Storage temperature: -4° to 116° F (-20° to 47° C) * Relative humidity: 5% to 95% non-condensing
Dimension	148(W)x 43(H) x 140(L) mm
Carton	10 pcs per carton
Package Accessories	<ul style="list-style-type: none"> *iR2024T *SATA Cable *Accessory Kit-for Tray *Accessory Kit-for Case *Quick installation guide