

Raidon iR2975T Internal RAID-1 SATA Storage Device for Two 2.5-Inch Disks with One-Touch RAID Backup

Fit for 3.5-inch HDD or floppy bay spaces, and includes ASMedia1092R RAID chip.

In the evolving AI industry, [Raidon Technology, Inc.](#) recognizes the critical importance of data protection for professionals engaged in this field.



It introduces the [iR2975T](#), an internal RAID storage device crafted to safeguard user valuable data. The iR2975T stands out with its one-touch RAID-1 backup capability, allowing users to instantly mirror data between SSDs with a simple button press. This feature significantly enhances the durability of SSDs by mitigating the typical wear and tear from regular RW activities, thus extending the lifespan of your storage solution.



The iR2975T is robust and also intelligently designed to fit into standard 3.5-inch HDD slots, combining a compact, space-efficient form with durable metal construction. This blend of backup technology, robust build quality, and data security makes the iR2975T a tool for anyone in the AI industry seeking to protect their data with ease and reliability. Choose it for unmatched simplicity and protection in data backup solutions.

Features:

- Supports One-Touch RAID-1 backup for SSDs
- SSD Mastery: Fast data duplication, quick recovery, and speedy 6Gb SATA
- Provides STATUSGUARD GUI and SMART monitoring
- Proactive alarms and LED indicators for overheating and RAID issues
- Features hot-swappable and plug-and-play capabilities for straightforward drive management.

- Perfect fit for 3.5-inch HDD or floppy bay spaces
- Durable and compact
- Space-efficient design meets robust construction
- Utilizes a fan-less design for silent, effective heat dissipation, ensuring drives remain cool
- Enhances security with a KeyLock system to prevent unauthorized access
- Trusted brand excellence: not just purchasing a product but investing in reliability and innovation.

The iR2975T could serve as a valuable component in various Industrial PC (IPC) that control manufacturing processes could use it for dependable data logging and fault-tolerant storage, ensuring that critical production data is mirrored and secure. And For AI server that could require high data integrity for patient records. The iR2975T's RAID-1 capabilities ensure that such sensitive information is protected vs. drive failures.



Perfect Fit for 3.5-Inch Hard Drive or Floppy Bay

The iR2975T can also be used in the AI-enabled PC applications, where reliability, data integrity, and system stability are crucial. Here are some potential applications, like financial services, surveillance systems, edge computing, ai research, content creation and media servers, transportation and logistics, ai-driven analytics platforms, retail and POS Systems, and smart city infrastructure. In all these applications, the iR2975T's hot-swappable and plug-and-play features would ensure minimal downtime during maintenance or upgrades, which is particularly valuable in industries where every second of system availability counts.



- A. HDD/SSD Tray & Tray Handle
- B. Tray Key Lock
- C. HDD/SSD Access LED
- D. Mute Button
- E. OTB Button (One-Touch Button)

- F. 15-pin Power Connector
- G. SATA Port

Specification

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| Model no. | iR2975T |
| RAID Chip | ASMedia 1092R |
| Interface | SATA III (6 Gbps) |
| Support Hard Drive | 2 × 2.5" SATA III 6.0Gb/s HDD/SSD (9.5mm) |
| RAID Level | One-Touch RAID 1 Backup |
| Power Supply | SATA 15pin (12v/5v) |
| LED Indicators | Yes |
| Operating System | Windows , Linux |
| Function Control Interface | GUI (Windows Only) |
| Certification | CE & FCC |
| Dimension | 102(W)×26(H)×147(L) mm |
| 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% noncondensing |
| Packing Content | *iR2975T Quick Installation Guide, Accessory Kit |