

DataWhale 2-bay RAID Systems for 3.5" SATA HDD

Make Storage Management and High Productivity Easy



- RS-M2TS
3.5" eSATA/USB 2.0 2-bay RAID
- RS-M2UF
3.5" USB 2.0 2-bay RAID
- RS-M2BF
3.5" USB2.0/FireWire800
2-bay RAID

Features

- Provides Striping, Spanning, Mirroring, and JBOD RAID modes for effective storage management
- Easy configuration of RAID modes, no IT expertise required
- Simplifies RAID management, no software installation required
- Achieves fastest performance via Striping mode
- Ensures data integrity with redundant back up capability
- Eliminates potential downtime, repair costs, and lost sales due to disk failure
- Supports automatic rebuild in Mirroring mode
- Easy monitoring of system status via LED indicators
- Dissipates heat efficiently with aluminum housing
- Maximizes airflow with silent, high quality fan
- Supports current SATA II compliant HDDs, fully backward compatible with SATA 1.0 and SATA 1.0a compliant HDDs
- Simplifies HDD installation; user friendly design enables effortless HDD hot-swapping
- Supports hot-plug and HDD hot-swap*
- Flexible connection via an eSATA, USB 2.0 or 1394b port

*The HDD hot-swap is not applied to the RS-M2UF



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Speed and massive storage capacity are typically cited as the chief benefits of RAID storage management. In addition, real-time redundant backup of data and fault tolerance make RAID a critical part of any enterprise, regardless of size. Commercial enterprises that fail to deploy RAID or disk mirroring can face even larger costs in the event of disk failure. Upon careful analysis, potential adopters of RAID technology will discover that the greatest cost of disk failure is the accumulated long term loss of sales. The O'TOSTORE DataWhale 3.5" SATA HDD 2-Bay RAID helps prevent data loss and makes storage management easier than ever before.

Power users and corporate users requiring high bandwidth or massive storage capacity will appreciate the feature rich **DataWhale RS-M2TS, RS-M2UF and RS-M2BF 3.5" SATA HDD 2-Bay RAID systems**. The entire DataWhale family offers the RAID storage management options discerning users demand, including **Striping (RAID 0), Spanning, Mirroring (RAID 1) and JBOD (just a bunch of disks)**.

Striping mode is the best choice for maintaining optimum performance when working with giant files and storage hungry audio and video editing applications. When you simply need large capacity storage, spanning combines two hard drives into a single logical large unit for you.

Mirroring mode provides real-time data protection and fault-tolerance by making an exact copy of everything you do as you do it, perfect for security sensitive users, if catastrophe strikes, and the first HDD fails, an exact duplicate backup is always available. With automatic rebuild support, mirroring is the ideal solution for backing up and protecting your large mission-critical databases.

DataWhale systems provide real data security with support for HDD hot swapping in Mirroring mode. If either of the mirrored disks fails, the faulty disk can be removed without powering down. Once a new disk is installed, the rebuild function takes over and populates the new disk, making an exact copy of the original disk. For ease and simplicity, the JBOD option allows the DataWhale systems work as the ultimate multi-disk storage enclosure.



Just flip the lever to effortlessly eject the HDD (design patent pending)

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DataWhale 2-bay RAID Systems for 3.5" SATA HDD

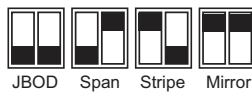
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The RS-M2TS offers the fastest available data access with the new eSATA shielded connector, and early adopters will appreciate the speed and convenience of this recent advance. To increase connectivity options and convenience, the RS-M2UF and the RS-M2BF can also convert the internal SATA data signal to an external USB 2.0 or 1394b signal, enabling use with any computer that has a USB or 1394b port but no eSATA port.

The **RS-M2TS-E** model offers additional **2 port eSATA PCI-Express card** bundled, enabling the use of the RS-M2TS with systems that have a PCI-Express card slot but no eSATA ports.

Using the DataWhale is as easy and familiar as using a single bay external enclosure. Simply install the HDDs, set the RAID mode via the mode switch, connect the cables, and turn on the power for massive storage capacity on your desktop. The need for



*Easy RAID mode adjustment:
just set the mode switch*



*Maximizes airflow with
a silent, high quality fan*

software GUI installation is eliminated.

Onboard LED indicators keep you apprised of system, connection, and HDD status while the **user-friendly HDD tray design makes HDD hot-swapping effortless.**

Like all O'TOSTORE products the DataWhale systems feature outstanding mechanical design and the rugged elegance of aluminum. The high quality, silent running fan exhausts hot air away from the internal HDDs, dramatically enhancing internal air flow to thoroughly and efficiently cool high RPM SATA HDDs.



eSATA PCI-Express Card



*Hot-swappable
HDD Tray*



*Sturdy HDD Tray
fastens HDD firmly
in place.*

Specifications

Model Name	RS-M2TS	RS-M2UF	RS-M2BF
Description	3.5" eSATA/USB 2.0 2-bay RAID System	3.5" USB 2.0 2-bay RAID System	3.5" USB 2.0/IEEE 1394b 2-bay RAID System
Interface	eSATA x 1; USB 2.0 x 1	USB 2.0 x 1	USB 2.0 x 1; IEEE 1394b x 2
HDD Support	3.5" SATA HDD (Identical HDD recommended - same manufacturer, capacity and RPM)		
RAID Level	Striping (RAID 0), Spanning, Mirroring (RAID 1), JBOD		
Data Transfer Speed	eSATA: 300MB/sec, USB 2.0: 480Mb/sec, 1394b: 800Mb/sec		
System Material	Aluminum case with plastic front and rear panels		
LED	Power on/Power off/Access/Rebuild/Error		
Power Supply	Input: AC 90-264V; Output: DC +12V/2A, +5V/2A		
FAN	40 x 40 x 10 mm		
Dimension	220 x 85 x 130 mm		
Weight (w/o HDD)	920 g	915 g	920 g

System Requirement

PC	266MHz or faster CPU (Microsoft Vista requires a minimum 800MHz CPU)
	64MB of RAM (Microsoft Vista requires a minimum 512MB of RAM)
	Microsoft Windows 2000, XP, 2003, or Vista
	One available eSATA port, USB 2.0, or IEEE 1394b port (depending on model)
Mac	Macintosh PowerPC or Intel Core Duo processor
	64MB of RAM (256MB of RAM is required for Mac OS X 10.4)
	Mac OS 10.2 or higher (PowerPC)/Mac OS X 10.4 (Intel Core Duo)
	One available eSATA port, USB 2.0, or IEEE 1394b port (depending on model)

Specifications are subjected to change without notice.