

# 2-bay RAID Systems for 3.5" SATA HDD

Easy RAID Storage Management for High Productivity



- Provides Striping, Spanning, Mirroring, and JBOD RAID modes
- Simplifies RAID management with onboard RAID mode switch
- Speeds storage performance in Striping mode
- Ensures data integrity with redundant backup capability
- Minimizes potential downtime and lost data due to disk failure
- Supports automatic rebuild in Mirroring mode
- Delivers real time system status via LED indicators
- Dissipates heat efficiently with aluminum housing
- Maximizes airflow with silent, high quality fan
- Supports current SATA II and older SATA 1.0/SATA 1.0a HDDs
- Enables easy HDD installation and effortless HDD hot-swaps
- Supports hot-plug and HDD hot-swap\*
- Offers flexible connectivity with eSATA, USB 2.0, or 1394b ports

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

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



## Easy RAID mode adjustment via onboard RAID mode switch



O'TOSTORE DataWhale 3.5" SATA HDD 2-Bay RAID systems prevent data loss and make storage management easier than ever before with multiple, easily configurable RAID levels. Enhanced data access speed, massive storage capacity, real-time backups, fault tolerance and failover make RAID storage management a critical asset for any enterprise, regardless of size.

Power and corporate users in need of massive storage capacity, real-time backups and the peace of mind offered by data redundancy will appreciate the feature rich DataWhale 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.

In Mirroring mode DataWhale systems provide maximum data redundancy and fault tolerance by allowing HDD hot swapping; this means a failed disk can be replaced without powering down. If either of the mirrored disks fails, the faulty disk can be replaced by simply sliding the drive bay out of the housing. Once a new disk is installed, the rebuild function takes over and populates the new disk with an exact duplicate copy of the original disk. For ease and simplicity, the JBOD option allows the DataWhale systems work as the ultimate multi-disk storage enclosure.

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-M2TS, 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.



**Just lift the quick HDD release lever to eject the HDD (design patent pending)**

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The RS-M2TS-E model is bundled with the 2-port eSATA PCI-Express card, enabling 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, DataWhale eliminates the need for complicated RAID software installation and configuration. Onboard LED indicators provide real-time system, connection, and HDD status and the user-friendly design makes HDD hot swapping effortless.



**eSATA PCI-Express Card**

DataWhale systems feature outstanding durability, excellent mechanical design and the rugged elegance of aluminum, ensuring years of trouble free use. The high quality, silent running fan exhausts hot air away from the internal HDDs, dramatically enhancing internal airflow for thorough and efficient cooling of high RPM SATA HDDs.



**Sturdy HDD Tray stabilizes HDD**



**Hot-swappable HDD Tray**

**Quiet, high-output fan maximizes airflow for optimum cooling**



### 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 Type A x 1	USB mini-B x 1	USB mini B 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 Requirements

<b>PC</b>	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 (Upon model)
<b>Mac</b>	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 (Upon model)

\*Specifications are subjected to change without notice.

