

ER-M2S600

Internal RAID Storage

The cost effective RAID storage, now up to 16 TB.

The easyRAID ER-M2S600 is an internal (6 Gbps) RAID module designed in two 5.25 LFF CD-ROM bays to easily integrate into the SMB and industrial computing environment.



RAID Mode

The ER-M2S600 accommodates two 2.5 SFF or 3.5 LFF SATA III hard drives and offers both RAID 0 and RAID 1 functionality. The RAID 0 mode provides a higher write & read performance, by dividing a single file into two files and thereby storing it on both drives concurrently. The RAID 1 mode backs up data to both drives in order to prevent data loss through hard drive failure.



striping for higher performance



mirroring prevents data loss



User-friendly display

The easyRAID ER-M2S600 is equipped with an easy-to-read LCD display and LED indicators for system monitoring during operation. The system also includes visual and audio alarms to alert users in case of a failure.



Removable tray design

If drive replacement becomes necessary, the modular design of the ER-M2S600 is made for effortless removal and installation of drives. The locking mechanism secures the drives (2.5 SFF or 3.5 LFF) into place.

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SMART cooling

The ER-M2S600 is equipped with a 6 cm fan located at the rear and comes with SMART fan functionality: the fan spins at half speed when the temperature is above 30 °C and full speed when the temperature is above 40 °C. With this clever design, you can work in peace without being bothered by fan noises unless the hard drives become vulnerable due to high temperature.



Recording and Surveillance Solutions

The ER-M2S600 can be easily used for DVR (Digital Video Recorder) and NVR (Network Video Recorder) devices. Take advantage of the durable HDD disk to install your DVR or NVR software and use two hard disks with up to 8 TB capacity and RAID 1 to protect your data. You can even use the hot swapping feature of the ER-M2S600 to extract the 2.5 SFF / 3.5 LFF hard disk periodically and save it in the data center, then put in a new hard disk, so the ER-M2S600 can continuously back up your data.



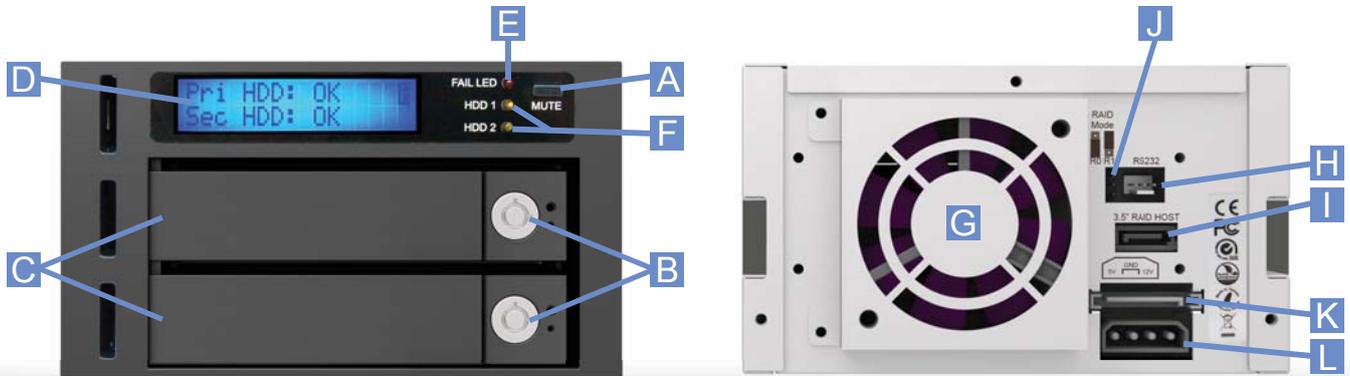
Maintaining an Automation Equipment System

Use RAID 1 to ensure a stable operation of your automation equipment. The advantage of automation equipment is the production efficiency which can be jeopardized by system failures, especially in high-speed production processes. System failures will cause a shut down of an automated production line. Production loss during such shutdowns can have serious financial consequences.

By using the ER-M2S600 RAID 1 mode, you can protect the long-term operation of your automation systems and you will not have to worry about stoppages in automated production equipment due to hard disk damage. This is the most cost-effective equipment choice. From small-scale CNC machining to large-scale semiconductor manufacturing processes, the RAID 1 module is recommended to protect the long-term operation of your systems and achieve high production efficiency.

ER-M2S600

Technical Specifications



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|-------------------------------------|------------------------------|-----------------------------|
| A Mute Button | E LED of Failure Alarm | I SATA Host |
| B Key Locks | F LED of Pri. HDD & Sec. HDD | J RAID mode Switch |
| C 2.5 SFF - 3.5 LFF HDD / SSD Trays | G Fan | K SATA Power Connector |
| D LCM Display | H RS232 Port | L 4 Pin Big Power Connector |

Specification

Model No	ER-M2S600
Interfaces	SATA III 6 Gbps Connector (7 Pin)
Compatible Drives	2 x 2.5 SFF / 3.5 LFF SATA III HDD / SSD
Raid Level	RAID 0 / RAID 1
System Monitoring	Fan Failure / Overheating
Cooling System	6 cm Low noise fan
Electrical and Operating Requirements	<ul style="list-style-type: none"> - Line voltage: 12 V + 5 V DC - Operating temperature: 10 °C to 35 °C (50 °F to 95 °F) - Storage temperature: -20 °C to 47 °C (-4 °F to 116 °F) - Relative humidity: 5 % to 95 % non condensing
Dimension & Weight	(W x H x L): 202 x 85 x 146 mm / Weight: 1.48 kg
Package Accessories	<ul style="list-style-type: none"> - SATA Cable - Internal RS232 Cable - External RS232 Cable - CD - Quick Installation Guide

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11/2015

starline®
Computer GmbH

Carl-Zeiss-Str. 27-29 • D-73230 Kirchheim / Teck
Tel. +49(0)7021-487 200 • Fax +49(0)7021-487 400

www.starline.de

