

# ER-M2S620

## Internal RAID Storage

### Cost effective and compact RAID storage.

The easyRAID ER-M2S620 is an internal (6 Gbps) SATA RAID module designed in one 5.25" CD-ROM bay to easily integrate into the SMB and industrial computing environment.



#### RAID Mode

The ER-M2S620 accommodates two 2.5 SFF SATA III hard drives or SSDs 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-M2S620 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-M2S620 is made for effortless removal and easy installation of drives. The locking mechanism secures the HDDs or SSDs into place.

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### Efficient Heat Dissipation to Extend Product Life

The ER-M2S620 is equipped with a 4 cm silent fan that constantly creates air flow to dissipate heat generated from the high-speed rotation of the hard disks. The fan maintains the normal operating temperature of the hard disk at all times, which will increase the product life.



### Easy System Upgrade

Upgrade your system to RAID function by installing an ER-M2S620 into one standard 5.25" CD-ROM bay. This internal data storage fits perfect in servers, IPCs and workstations.

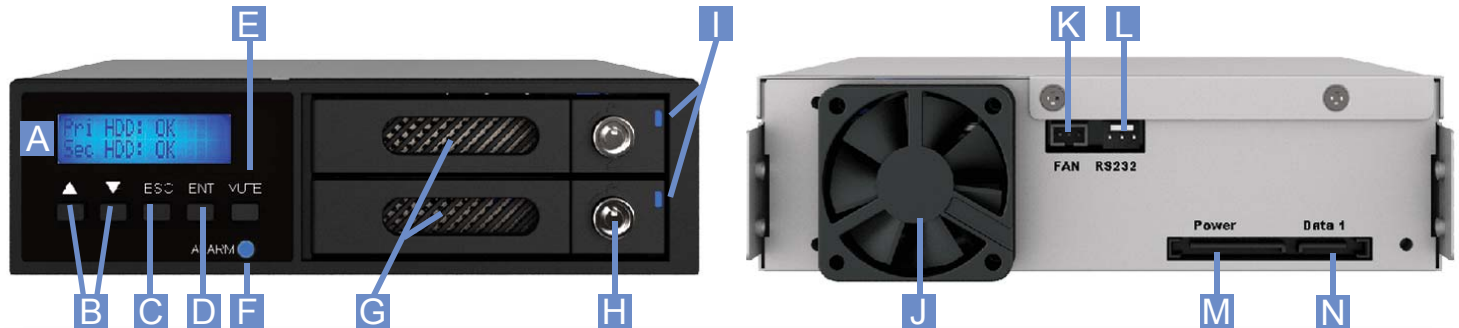


### High Data Transmission Bandwidth to Increase Efficiency

The ER-M2S620 series is backwards compatible with 3 Gbps and 1.5 Gbps. It also supports 6 Gbps SATA III transmission bandwidth. The impressively high speed of the ER-M2S620 allows high read/write efficiency and performance to accommodate large video editing or graphic design projects.

## ER-M2S620

### Technical Specifications



- A LCD Display Panel
- B Up and Down Keys
- C ESC Button
- D Enter Button
- E Buzzer Mute Button

- F Power (Malfunction Indicator)
- G Tray Handle
- H HDD/SSD Tray Key Lock
- I HDD/SSD Status Indicator

- J Fan
- K Fan Connector
- L RS232 Connector
- M 15 Pin SATA Power Connector
- N 7 Pin SATA Connector

#### Specification

Model No	ER-M2S620
Interfaces	SATA III 6 Gbps connector (7+15 Pin)
Compatible Drives	2 x 2.5 SFF SATA III, II, I HDD / SSD
Raid Level	RAID 0 / RAID 1
System Monitoring	Fan failure, overheating, HDD/SSD failure
Cooling System	4 cm low noise fan
Electrical and Operating Requirements	<ul style="list-style-type: none"> <li>- Line voltage: 12 V / 5 V DC</li> <li>- Operating temperature: 10 °C to 35 °C</li> <li>- Storage temperature: -20 °C to 47 °C</li> <li>- Relative humidity: 5 % to 95 % non condensing</li> </ul>
Dimension & Weight	(W x H x L): 148 x 43 x 140 mm / Weight: 0.92 kg
Package Accessories	<ul style="list-style-type: none"> <li>- SATA cable</li> <li>- Internal RS232 cable</li> <li>- External RS232 cable</li> <li>- CD</li> <li>- Quick installation guide</li> </ul>

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