

RAIDking Technologies, Inc.

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RAIDking™ M42S

**24 Bay, 10 Gbit iSCSI
to SAS / SATA III / SSD RAID**

Technical Specs & Leasing Information:

Host Interface: (4+2) x 10 Gbit iSCSI / 1 Gbit iSCSI
(8+4) x 10 Gbit iSCSI / 1 Gbit iSCSI with Dual Controllers

Data Transfer Rate: Up to 10 Gbit/sec.

Number of Host Channels: 4 + 2 (8 + 4 with dual controllers)

External Connector Type: 10 Gbit iSCSI / 1 Gbit iSCSI

Controller CPU: Intel Xeon 3528

Cache Memory: 4 GB

Disk Interface: 6 Gbit SAS / SATA III / SSD

Number of Disk Channels: 24

Storage Configurations: Available with 24 x 2, 3 or 4 TB of Enterprise Grade hard disks

Hot Swap Disk Trays: 24 x 3.5" hot-swappable trays

Hot Swap Fans: 2 x Smart Cooling Modules

Hot Swap Power Supplies: 3 x 400 Watt, Redundant, High Efficiency

AC Input Voltage: 100 - 240V (+/- 10%), 47 to 63 Hz

Cache Backup: Optional Battery-free cache backup module available

RAID Levels: JBOD, 0, 1, 3, 5, 6, 10, 30, 50, 60, NRAID

RAID Features:

- Global and local hot spare
- Background Initialization
- Selective rebuild mode
- Selective initialization sequence
- Online RAID level and stripe size migration
- Online disk group expansion
- Online capacity modification
- Online defragmentation
- Online volume management
- Online disk cloning
- Online disk scrubbing
- Online drive traveling and array roaming
- Online array recovery
- RoHS compliance
- Supports Self Encrypting Drives (SED)
- Scalable up to 120 drives with optional JBOD modules
- Easy configuration and management through intuitive GUI
- Energy efficient with High Efficiency Power Supplies, Smart Cooling Mechanism & Automatic Disk Stand-by

Advanced Data Reliability Assurance: SMARTCor. Functions (DST, DS, DC)
Front Panel LCD and Buttons: Easy access for configuration and status reports
RS-232 Terminal: User Friendly interface for configuration and status reports
Web browser GUI: Embedded CGI-based GUI management interface
Event Notification: Built-in buzzer, e-mail, and SNMP

Humidity: 20% to 85% non-condensing
Operating Temp: 5 C to 40 C
Non-Operating Temp: -25 C to 60 C
Safety Regulatory: UL, CUL, CB
EMC Standard: FCC, CE, C-Tick, BSMI

Warranty: RAID = 5 Years Parts & Labor / Hard Disks = 5 Years from date of manufacture
Physical Dimensions: 485 (W) x 593 (D) x 88 (H) MM (**4U high**)

Lifetime Technical Support Included Free of Charge!

***Lease this RAID** with 48 TB of Enterprise Grade Storage, Spare Parts Kit and Extra Hard Disk on a 48 month lease for **only \$378/month!** At the end of the lease term you purchase the RAID from the leasing company for only \$100, and it's yours to keep.

This provides you with all the tax benefits of leasing, while you keep your capital where it belongs - in your business! At the end of the lease term you now own a quality RAID storage solution, which is sure to serve you well for several more years.

*Subject to credit approval