

The 2240



Marner SuperStorage™ Systems *Sophisticated Storage Made Simple*

The 2240 is a tough, versatile, super-fast, super-compact, 4Gbs, fully redundant raid storage system derived from US military applications. The 2240 offers the ultimate in flexibility by offering up to 2 raid controllers and 4 high speed fibre channel, SATA or SAS drives in a 1U box. The system comes with all the software necessary to get your SAN up and running in less than 30 minutes. And the 2240 is highly scalable (a single 2240 is expandable up to 64 TB) it can build your storage infrastructure without blowing your budget.

The Marner Story

Marner makes state-of-the-art, high performance data storage systems derived from US Military applications. They are simple, proven and bulletproof—perfect for small to medium sized businesses with burgeoning storage needs but without a lot of tech support.

Marner systems offer you a super-fast way to plow through mission critical applications that involve either large file sizes or heavy transaction volumes. Marner systems are ideal for applications with lots of small transactions demanding real-time access and processing of data (such as e-commerce, ERP and XML). Marner solutions provide super-fast, real-time access to your data on platforms that can grow with your business without breaking the bank.

Best of our, are products are easy to install, use and support. We stand behind our products with one of the best warranties and support programs in the business and are sold and serviced by your local computer support provider—the people that already know your system. They can answer your questions, configure your system and get you up and running in no time—on budget and without the technical headaches.

The world of data is exploding, Marner keeps it simple, organized and at your fingertips.

It's All About The Application

The 2240 SuperStorage system is the most cost effective solution on the market. It is perfect for building a networked attached storage system, adding either additional storage to an existing storage area network, or just adding serious storage capability to an existing server configuration. The speed, scalability and ease of use make the 2240 the ideal choice to support the storage needs for your applications including:

- ecommerce, ERP and XML transactions
- video and image capture and processing
- web hosting and content management
- real-time simulations, modeling and numerical analysis
- pattern recognition
- security
- government compliance
- real time access to large files

2240 Highlights

- 2 redundant raid controllers
- 1U height form factor
- 4 Gbit/s fibre to fibre
- 72Gbit/s switched back plane
- Up to 4 FC, SATA or SAS drives
- 4Gbs 73, 146 or 300 GB FC 15K RPM disks
- 500 or 750 GB SATA 10K RPM disks
- Compatible with 2Gbit/s and 1Gbit/s systems.
- Patented SuperCool™ system
- Dual redundant power supplies
- Ruggedized design
- No tools required
- User friendly graphical interface
- Self diagnostic, Internet ready
- Disk management software included
- Warranty: 5 years on disks, 2 year on system

Marnier SuperStorage Systems

Sophisticated Storage Made Simple.



The 2240 by the Numbers:

Environment

Power:	Dual redundant AC or DC or both
AC power:	90-260V single Phase (50-60 Hz)
DC power:	-30/62V, dual input
Input Power:	2A at 100VAC (200W)
Humidity:	0°C to 40°C 5% to 80%
Heat Output:	616 BTUs/hr

Regulations

Safety:	UL 1950, CSA TÜV, EN60950
Emission:	FCC part 15B, Class A
Certification:	Hitachi Certified

Dimensions & Weight

Height:	1U: 44.4mm (1.75")
Width:	450mm (17.7")
Depth:	609mm (24")
Weight:	(no drives) 12.7kg
Weight:	(8 drives) 18.2kg

Raid Controllers

- 1 or 2 controllers
- Redundant, hot swappable
- Raid levels 0, 1, 5, 6, 10
- System software included

Disk Drives

- Choice of Fibre Channel, SATA or SAS drives
- Choice of 73, 146 or 300GB Gb/s FC Drives
- Up to 2.0TB total storage in 1U
- 3.5" low-profile (1" high)
- Ruggedized vibration resistant latching mechanism

Network Connectivity

- Four 4Gbit FC ports
- Dual 10 Gbit iSCSI ports
- Dual 1 Gbit iSCSI ports
- 16 - lane SAS port

Graphical Interface

- Self diagnostic
- Time and date function
- Hardware license manager
- Internet alert system

Patented Cooling System

- SuperCool™ field replaceable architecture
- 3 hot swap fan modules (3X required capacity)
- Auto failure detect

Included Software Functionality

- System configuration and set-up
- Disk initialization and management
- Raid level settings and striping
- LUN mapping and caching optimization
- Error detection, diagnostics and repair tools
- Data replication, back-up and SnapShots

Marnier

SOPHISTICATED STORAGE MADE SIMPLE

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