

iSCSI to SAS RAID Subsystem

-- The RAID makes business continuity realized.

PRODUCT HIGHLIGHT

- Single controller configuration.
- 4 iSCSI host interfaces.
- Up to 2GB cache memory
- 3U rackmount, high density design.
- User-friendly, web browser-based RAID management interface.
- Event notification through e-mail or SNMP trap.
- Snapshot rollback mechanism.
- Battery backup support (optional)
- Load-balancing & fail-over.
- On-line volume expansion & migration.
- Global/dedicated cache



SS-6603S

The RAID System setup an important milestone for MaxTronic approaching to critical high-end enterprise demands. Innovative RAID Level enables advanced data protection function. Powerful hardware engine, high scalable expansion options and user-friendly management interface make it the best choice for fault tolerance, high performance solutions.

FEATURES AND BENEFITS

Excellent Performance

iSCSI GbE host-transferring-speed with upgraded Intel IOP342 CPU which delivers high performance for heavy duty business applications.

iSCSI Boot Availability

Advanced iSCSI boot can be accomplished without installed additional disk device from the server so that it reduces the total hardware cost.

Secure Data Access Privacy

Supported network CHAP authentication, access control in LUN (Read-Write or Read-Only), and secure shell (SSH) to ensure the entire network access' safety.

Snapshot

Advanced volume Snapshot/Rollback backup feature enabled up to 16 UDV, each UDV supports up to 32 snapshot volumes, total 512 snapshot volumes in one system with its instant copy and recovery ability but no performance impact.

Multiple I/O Path Solutions

MPIO path solution provides data through different channels with its load-balancing, and if one or more of path components fails, causing the path to fail, RAID uses an alternate path for I/O so that applications can still access their data without problem; on the other hand, LACP and Trunking path solution is able to use several physical ports together to form a single channel.



iSCSI



Technical Specifications



Host Channel	
Model No.	SS-6603S
Host Interface	iSCSI
Data Transfer Rate	Up to 1Gb/s per port
Host Channel No.	1 Gigabit Ethernet x 4
JBOD Expansion	Yes (*1)
*1. Support up to 80 disks (include local chassis)	
Hardware	
Controller	Single
Controller CPU	Intel IOP342 (Chevelon dual core)
Cache Memory	1024-2048 MB DDR II
Disk Interface	SAS (SATA II compatible)
Disk Channel No.	16
Hot Swap Disk Tray	16 x 3.5" swappable trays
Hot Swap Power Supply	460W x2 Redundant
AC Input Voltage	100 to 240V (+/-10%), 47 to 63 Hz
Battery Backup	Yes (optional)
Hot Swap Fan Module	2 x Turbo Fan
RAID Functions	
RAID Levels	JBOD, 0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60
RAID Features	Global / Dedicated Hot Spares, Multiple Host ID, Multiple RAID Volume Group (VG) and Multiple User Data Volumes (UDV), Foreground / Background Initialization, Array Roaming, On-line volume migration.
Snapshot	Yes
RAID Management	
Front Panel LCD and Buttons	Easy access for configuration and status report
RS-232 Terminal	User friendly interface for configuration and status report
GUI	Embedded Ethernet connection, web browser-based management GUI for configuration and status monitoring
Event Notification	LCD indicator, Build-in buzzer, e-mail, or SNMP trap (*2)
*2. Notification through e-mail or SNMP trap is supported by web browser-based GUI.	
Management AP	
MPIO Software	Multiple paths to each device End-to-end I/O path failover and failback Dynamic I/O load balancing
Environment Specification	
Humidity	20% to 80% non-condensing
Operating Temperature	5°C to 40°C 41°F to 104°F
Non-operating Temperature	-25°C to 60°C -13°F to 140°F
Safety Regulatory	UL, CUL, CB
EMC Standard	FCC, CE, C-Tick, BSMI
Dimension and Weight	
Physical Dimension	485(W) x 565(D) x 132(H) mm
Physical Weight (without drives)	24 Kgs
Packed Dimension	610(W) x 790(D) x 450(H) mm
Packed Weight (without drives)	33 Kgs

* Specifications and product offerings may vary without notice.

* Various trademarks belong to their respective owners.

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