SANS DIGITAL

EliteRAID ER104I+B

1U 4-Bay SATA to iSCSI 2x GbE RAID 60 Rackmount (Black)

The **EliteRAID ER104I+B** is the latest hardware RAID storage to EliteRAID iSCSI solution. ER104I+B is a 1U 4 bay dual channel iSCSI storage support advanced features, such as Multiple Channel per Session (MC/S), iSCSI jumbo frame and Microsoft MPIO. SCSI-3 persistent target is supported for clustering server application. Build-in Web GUI management interface and event notification E-mail, SNMP trap, browser pop-up Windows, Syslog and Windows Messenger allow administrator to monitor the status with ease. Beside RAID5, Mirroring (RAID 1) and Striping (RAID 0), ER104I supports RAID 6 to protect against up to 2 hard drives defect. Utilizing both SATA I and SATA II host interfaces, and dual gigabit Ethernet port (up to 190MB/s), the ER104I is guaranteed to achieve the best performance with fail-safe file protection.

Features

- Intel IOP 64bit processor with 512MB memory, upgradeable to 1GB.
- Support iSCSI Multiple Channel per Session (MC/S).
- Support Microsoft MPIO.
- Support iSCSI Jumbo Frame.
- SCSI-3 persistent target supported. Support Windows Server 2008 clustering.
- Supports RAID 0, 1, 3, 5, 6, 30, 50, 60, JBOD. Local N-way mirror supported.
- Support Global and dedicated hot spare disks.
- Online volume expansion and migration.
- UPS management supported via serial port.
- HTTP Web GUI, SSH telnet and serial management interface.
- Event notification via E-mail, SNMP trap, browser pop up windows, Syslog and Windows Messenger.
- iSNS supported.
- Up to 190MB/s read/write performance.
- Optional battery backup module.

Specifications

Specification	Details
CPU	Intel 64-bit RISC processor
RAM	DDR 333 512MB, upgradeable to 1GB
HDD Trays	4 Hot-Swappable 3.5"
RAID Level	0, 1, 0+1, 3, 5, 6, 10, 30, 50, 60, JBOD
Maximum Capacity	16TB
Maximum Host Connections	32
Maximum Cluster Hosts Connections	16 hosts clustered for one volume
Maximum Logical Volumes	256
Auto Rebuilding	Yes
Hot-Spare	Yes (Global and dedicated hot spare disks)
Host Interface & Transfer Rate	Dual Gigabit Ethernet (Up to 190MB/s)
Cooling Fan	3 x 1.5" Cooling Fan
Power Supply	Input:100V~240V ; Output:50~60Hz 200W
Status Indicator	4 LEDs for HDD, Temperature and Fail LED
Management UI	Web or SSH Telnet, Serial port
Supported OS	Windows 7/XP/2000/2003, Mac OS X or above, Linux 2.4 or above
Dimension (in) & Weight (lb)	19" W x 21" D x 1.7" H &15.4 lb
Safety Regulations	CE, FCC