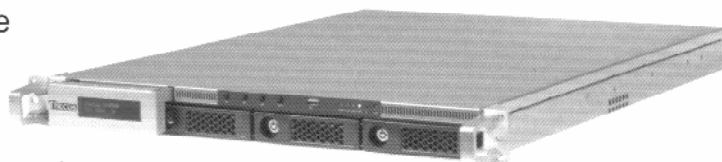


i4500R iSCSI RAID System

Feature Highlights

1. Front-end 2 GbE TCP/IP offload device
2. CHAP enabled
3. On-line volume migration
4. HDD S.M.A.R.T. enabled
5. Global/dedicated cache configurable by volume



i4500R

iSCSI GbE (x2) to SATAII (x4) RAID System

Key Components

1. CPU: Intel Xscale IOP80331
2. Memory: 512MB DR333 DIMM supported
3. UARTs: Supports of serial interface of UPS.
4. Fast Ethernet port: For Web-based management use.
5. Microsoft Multipath I/O support (MPIO)
6. Front-end: One Intel GbE controller with two gigabit Ethernet ports.
7. LCM supported for easy management use.
8. NVRAM for IO transaction record
9. Max. system capacity 1TB x 4
10. Hot Swappable

Enclosure Monitoring

1. UPS management via the specific serial port
2. 3.3V, 5V and 12V voltage monitor
3. Thermal sensor x 3 on controller board

RAID & Volume Operation

1. RAID level: 0,1,0+1,3,5,6,10 and JBOD
2. Up to 256 logical volumes in the system
3. Global and dedicated hot spare disks
4. Write-through or write-back cache policy for different application usage
5. Dedicated or shared cache allocation for volume usage
6. Multiple RAID volume support
7. Configurable RAID stripe size
8. Online volume expansion
9. Instant RAID volume availability
10. Auto volume rebuilding
11. On-line volume migration

Management Interface

1. Management via web UI.
2. Online system firmware upgrade mechanism
3. Event notification via Email and SNMP trap.
4. Run-time IO transactions recording
5. Built-in LCD module to control most enclosure components

Advanced Data Protection

1. Local N-way mirror
2. Offline array roaming
3. Smart faulty sector relocation

Physical & Environment

1. Operating Temperature 10°C ~ 35°C
2. Non-Operating Temperature -10°C ~ 50°C
3. Operating Humidity 20% to 90% non-condensing

Supported Operating System

1. Windows NT/XP/2003/Vista
2. Mac 9.1 and above, including OSX, OSX Server, XSERVE
3. Linux (all latest builds) which support SCSI.
4. And all other systems supporting SCSI protocol