

## iSCSI and FC — SATA Storage System

### Multi-protocol Storage Solution

### Fibre channel and iSCSI connections

### 15 SATA-II disk drives



The T-3000h integrates the speed of fibre channel with the utility of iSCSI connectivity.

As a fibre channel / SATA II storage system, the T-3000h provides two ports per controller and a high-speed internal bus to provide bandwidth for video or other demanding applications.

Adding the iSCSI connectivity enables a wide range of data movement and data protection options. The combination of connectivity options with a very powerful set of storage management utilities makes the T-3000h a very agile player on your IT team.

Commonly used in:

- Digital video production
- Multi-location IT shops
- Disk to disk backup architectures
- General purpose storage applications

Simplicity

Configuring the T-3000h is done with a simple GUI that involves selecting a few disks to create a RAID group, adding them to a storage pool, and carving out some storage to assign to a server. With online volume expansion, growing a volume is also quick and painless.

Key Features

- Two GbE ports per controller card
- Two Fibre Channel ports per controller card
- Capacity: 7.5 TB with 15, 500 GB drives
- Simple storage provisioning (virtualization)
- Multiple RAID levels: 0, 1, 1+0, 3, 5, and 50
- UPS and battery backed-up cache
- Redundant power supplies, blowers, controllers
- Mirrored cache, up to 4GB

### Enhanced Storage Services

#### Management

SAN Manager  
Automatic Capacity Management

#### Business Continuance

Database agents  
Snapshot  
Synchronous Replication

#### Data Protection

Full Volume Copy  
Asynchronous Replication

*The solution for high performance application serving with data protection requirements.*



# T-3000h Specifications

<b>System</b>	
<b>Storage Controller</b>	Single or dual controllers per storage system
<b>Host Interface</b>	Two 2Gb Fibre Channel SFP ports and one iSCSI (1 Gigabit ethernet) port per storage controller
<b>Parity Accelerator</b>	Two hardware accelerators
<b>Cache Memory</b>	512MB standard, 4GB maximum
<b>Enclosure Management</b>	Out-of-band through 10/100Mb Ethernet port
<b>System Features</b>	
<b>Standard</b>	System Manager (SYSM) Volume Manager based Virtualization (VMV) RAID levels 0, 1, 1+0, 3, 5, 50 On-line RAID expansion Multiple RAID sets Up to 1024 LUNs Hot swap disk drives Global hot spare disks Automatic drive failure detection and rebuild Automatic reallocation of bad sectors Active cache scrubbing
<b>Drive Interface</b>	
<b>Connectivity</b>	Serial ATA
<b>Capacity/Form Factor</b>	80/250/400/500GB 3.5", 1" high 7200RPM
<b>Maximum Capacity per Enclosure</b>	7.5TB with 15 x 500GB drives
<b>Power and Cooling</b>	
<b>AC Input</b>	90-260 VAC, 47-63 HZ, auto-ranging, PFC
<b>DC Output</b>	Dual 460 Watt
<b>Cooling</b>	Dual modules each with two blowers
<b>Operating Environment</b>	
<b>Temperature</b>	10°C to 40°C
<b>Relative Humidity</b>	20% to 80%
<b>Certification</b>	FCC/CISPR 22 Class A, UL/CUL, CE, CB, BSMI
<b>Dimensions</b>	
<b>Rack Mount Unit</b>	5.20" H x 17.58" W x 18.70" D 3U EIA high (19" rack mount)
<b>Weight</b>	36 kg. (79 lbs.)
<b>Software</b>	
<b>T-3000 SAN Manager</b>	Local or remote management, monitoring and configuration
<b>Host Platform Support</b>	Microsoft Windows, Linux, Solaris, Apple OS-X, IBM AIX, HP-UX, and VMWARE