

mediaSTORE

RAID sub-system

Product Solutions for the Digital Age.

In the world of ever changing digital technology can you afford to limit yourself to a system that isn't as versatile as your own business?

At NETmc we have harnessed the advantages of digital information technology whilst retaining a versatile, flexible and cost effective solution to today's growing information management issues.

The mediaSTORE satisfies the needs of small, medium and large scale digital media storage projects by offering high storage densities along with modular and incremental expansion capability. High data integrity and availability is taken as read with RAID as standard across the whole range of mediaSTORE products.

When operated in conjunction with the mediaSERVER storage management software the mediaSTORE can act both as a storage cache for off-line or near-on-line storage as well as a master archive for often used media.

The mediaSTORE is host independent and can be used as a cost effective mass storage sub-system for UNIX(tm), MAC or PC based environments requiring on-line storage capacity between 100GBytes and 6TBytes and beyond.



Features

RAID

Redundancy built in - Single and multiple drive failure supported without data loss. 'Hot swappable' drives = no downtime for replacements. Minimal maintenance requirements and support for redundant controllers. Remote management for ultimate resilience and unattended support.

SCSI

Industry standard UltraWide/LVD SCSI compliant presentation to host ensures maximum compatibility with existing host platforms optional single/dual loop FCAL presentation

PERFORMANCE

Configurable performance to meet your requirements and budget with base sustained throughputs of 30MBytes/sec

SCALABILITY

Modular expansion from 100, 200 or 400GByte base systems to 6TBytes of on-line storage. Capable of integration within a HSMS system.

MANAGEMENT

Local and remote management of enclosure and disk parameters with fault reporting and disk array configuration and management tools.

CACHE

All configurations offer 128MBytes of disk cache as standard to ensure maximum throughputs at all times and data bandwidths of in excess of 160MBytes/sec to disk.

Typical Media Capacities:

Standard 200GByte System
56Hrs High Quality Video
(based on 8Mbps)

112Hrs DVD Quality Video
(based on 4Mbps)

380Hrs of CD Stereo Audio

25,000 Photo-Quality 35mm
images (uncompressed)

52million pages of text

Specification

(Base System Specification)

Power Requirements:

Power Rating:

Operating Environment:

Physical Dimensions:

Weight:

Drive Capacity per Unit:

Controllers per Unit:

Supported Drives:

Scalability:

Operating System:

Connectivity:

110-250V AC 50-60Hz

660VA max

5-40 C

Standard 19" 4U Rack mount

424(W) x 177(H) x 633 (D) mm

Approx. 25Kg fully populated

3-12 Drives

0-2

9, 18, 36, 50, 72GByte 3.5" HH
(7200RPM & 10,000RPM)

From 100GBytes - 6TBytes

Host Independant System

Ultra Wide SCSI interface



example diagram

