

Memio T120 Library

MEMIO T120 LIBRARY

HIGH END FEATURES. MIDRANGE PRICE

LOW TOTAL COST OF OWNERSHIP

DATA GROWTH MANAGEMENT

EASY TO USE



DON'T COMPROMISE: CHOOSE THE MEMIO T120 TAPE LIBRARY

The T120 library gives you an unmatched selection of features, along with enterprise-class reliability and management, all in an affordable mid-range library. You don't need to sacrifice sophistication, performance or options to get a library sized to suit your current needs that can grow with your organization. The Memio T120 library helps you get the most done, automatically, affordably and easily.

DON'T COMPROMISE: CHOOSE UNMATCHED VERSATILITY

Invest in only the features you actually need. You don't have to purchase a package of features when you only need or want a few. The Memio T120 gives you unmatched versatility in designing your own, affordable library uniquely suited to your data storage requirements. You can always add more features to match evolving requirements. This protects your data and your investment.

STANDARD ENTERPRISE-CLASS FEATURES ON MEMIO T120

Memio 2K Tape Library



- Most data in the least space—highest density in the industry at 48 TB LTO-2 in 14 U, single frame

- Easy to use—a color touch screen with intuitive graphics

- Connectivity—for each partition, choose whether to cable using a Fibre Channel or Gigabit Ethernet controller, or using direct-attach Fibre Channel or SCSI

- Easy to maintain—the library tells you when it's time for library maintenance

- Easy to keep it up and running—with easy-to-swap modules, you can change out components without affecting backups

- Sized to fit your data center—rack-mount or tabletop

- Easy to secure—password-

protected users, and multiple levels of security, so only the right user can use the right features

- Grows with your data—expanding to over 500 slots and 4

frames, the T120 can keep up with expanding data. This protects your investment.

- Adapts to your data center as your data grows— from the wide palette of options, add features, drives, controllers and more, many software-key enabled.

- Reduces overhead in managing media—handle media in TeraPack cases, not one by one

- Eases media handling—use the bar codes on the TeraPack cases and cartridges to track data even outside the library

- Capacity on Demand

Memio T120 Tape Library

SAVE SPACE WITH THE T120: HIGHEST STORAGE DENSITY

Preserve expensive data center floor space with the rack-mounted T120's industry-leading storage density. By packing more data into a smaller space, expensive data center space is conserved, maximizing your hardware investment. High slot capacity eliminates the need for unreliable and expensive mechanical pass-through. With a single frame packing 48 TB of LTO-2 storage in only 14U, the T120 clearly and cost effectively beats the competition.

PAINLESS CENTRALIZED LIBRARY MANAGEMENT: OBSERVATORY

For central library management, use the Observatory tool. It lets you monitor multiple Spectra Logic libraries from one screen. Observatory is a browser-based application that provides an overview screen of all libraries, with a drill-down capability to view information about specific libraries. This information includes drive status, media inventory, and general system status. painlesslibrary autosupport lets you know what the library needs, and when it needs it. When the library needs maintenance, it sends you a message so you know to carry out the simple task, such as replacing the air filter or cleaning the drive. You can also elect to have the library send trouble-shooting information directly to Spectra technical support to help with problem analysis and resolution.



GROW AS YOU NEED TO: UP TO 504 SLOTS AND 18 DRIVES

Don't pay for more than you need. Choose a library that can grow as your data grows, lowering upfront costs without compromising your investment. For instant access to more slots, use the Web to buy slots online with Capacity on Demand. You get an activation key to enter into your library, and the slots are available immediately. If you need slots beyond the capacity of your T120, simply add another frame. Use pass-through, with up to three units in a standard rack-mount. For highceilinged data centers, use the special rack from Spectra Logic to add a fourth T120. Four stackedframes appear as a single library or you can partition using SLS. You can add drives, slots, and frames as you need them, lowering initial costs while protecting your investment.

Memio T120 Tape Library

STOP JUGGLING CARTRIDGES:

Store, Protect, and Track Them Using Barcoded Terapack Cases

One problem that seems outside the scope of an automated library is handling and managing the high quantity of tape cartridges storing your data. The Memio libraries, including the T120, have addressed this with a technically elegant solution: a data cartridge pack. Each pack, called a TeraPack case, has a dust cover and a unique bar code, so that you can track a set of media outside the library. TeraPack magazines also fit securely into fire-resistant cases, for use on your site or off-site locations.

CHOOSE ONE LIBRARY THAT ACTS LIKE MANY:

SLS Partitioning and Mixed Media

Some sites have data that requires isolation from other data sets, or its own backup rules and media. If this describes your data, select the Shared Library Services (SLS) option. This option lets you partition the library so that to the outside storage environment the T120 looks like multiple libraries. With SLS, multiple applications can access the T120 using mixed media and without complex external partitioning servers, network connections, and proprietary client software.

FITS RIGHT INTO YOUR STORAGE ENVIRONMENT:

Multiple Connectivity Choices

Choose the connectivity options that best suit your data center: either direct-attach or Quad Interface Processors which includes an option of affordable TOE (TCP/IP Off-load Engine). TOE lets Ethernet protocols run at speeds that rival Fibre Channel.

- Fibre Channel
- Gigabit Ethernet (iSCSI, NDMP)
- Direct-attach via Fibre or SCSI

Connectivity Interfaces
Direct Attach
LVD SCSI and Fibre Channel
Quad Interface Processor
<i>Fibre Channel</i>
Serverless backup
Static WNN
Redundant ports
Port consolidation
<i>Gigabit Ethernet/iSCSI</i>
NDMP
Redundant ports
Port consolidation

About Dynamic Network Factory

RAID CERTIFICATION

DNF is committed to building rock-solid systems from the bottom-up. Each drive used by DNF goes through a sophisticated and grueling 120 hour testing process, weeding out units that exhibiting signal quality problems, data mismatch errors, temperature and power regulation issues, or other conditions that escaped the manufacturer's testing process. The survivors receive our "RAID Certified" seal of approval.

COMPANY VISION

Dynamic Network Factory is dedicated to creating cost-effective

and high quality storage solutions while relying on innovative spirit and engineering excellence. With this singular focus, NF is poised to rapidly expand its customer base and define the next generation of storage solutions ranging from workgroup RAID systems to iSCSI engines, and modular enterprise Fibre Channel solutions.

COMPANY PROFILE

Dynamic Network Factory (DNF) has a long heritage of creating cutting-edge customer-driven products. As an engineering-focused company, with a history specializing in storage

solutions. DNF started as US subsidiary of Japanese publicly-traded IT conglomerate CSK Electronics in 1989. In 1998 the company refined its strategy and began to focus the hardware group on storage solutions. Within a year, DNF's rapid growth resulted in its emergence as an independent, privately-held spin-off. Serving over 20,000 customers since its inception in 1989, DNF has provided custom solutions for organizations of all sizes and built products for many familiar computer manufacturers as an OEM.