

L80 TAPE LIBRARY

STORAGETEK'S
OFFERINGS



KEY BUSINESS BENEFITS

- **Adaptive Media Technology (AMT)**

With StorageTek's unique support of multiple tape drive and media types, you can seamlessly migrate and specialize your data with just one library.

- **Easily expandable**

Innovative upgrade paths allow you to increase the performance, capacity and interface, while protecting your initial investment. Or use multiple different drives within the same library to migrate to new technologies.

- **Easy to use**

Any administrator can install, configure and operate the L80 library. Library Status Tool is also included for remote monitoring and an SNMP trap for notification. Or choose from Library Admin, Library Manager or Framework Library Monitor for additional management capabilities.

- **SAN-ready**

Connect to the future today and gain increased scalability, availability and shareability with an embedded Fibre Channel router.

- **Space savings**

Store more data – up to a remarkable 16 TB – in a single unit, which also saves you space and money.

- **Unmatched reliability**

StorageTek's reputation for proven innovation and excellence is the foundation for the L20/L40/L80 library series. They offer superior reliability and less down time to the Open Systems environments.

- **Storage leadership**

With over 30 years of information storage leadership, StorageTek meets the ever-growing storage and management requirements of small and mid-sized companies, too. Pick the L-Series tape library that's right for your business applications.

ENTERPRISE-CLASS STORAGE SOLUTION FOR LARGE BACKUP AND RECOVERY NEEDS

With its enterprise-class reliability, high-performance, ultra-high capacity and streamlined data management capabilities, the StorageTek L80 tape library is the perfect storage solution for the most demanding, distributed environments. Intended for mid to larger-sized companies and organizations, the L80 tape library efficiently addresses backup and recovery requirements, too. With the StorageTek L80 tape library, you get a robust, high-performance tape automation system with the scalability and upgradeability to meet growing storage requirements – backed by our industry-leading three year warranty with Advance Exchange and multiple service options: Next Day, Select (5x9x8) and Elite (7x24).

EXPANDABLE AND UPGRADEABLE

The L80 tape library can be quickly and easily upgraded by simply adding drives, increasing the number of tape slots or the addition of a Fibre Channel router. The L80 also represents the logical storage upgrade for either L20 or L40 tape libraries. A flexible L-Series trade-in plan is easy and highly cost-effective.

A NEW LEVEL OF ACCESSIBILITY

StorageTek's L80 tape library provides Adaptive Media Technology that supports multiple leading tape drive technologies, including LTO 1 & 2, SDLT 220 & 320 and DLT 8000. You can mix and match tape technologies and media types without special media management or partitioning, as well as new applications that you decide to implement tomorrow.

HIGH-PERFORMANCE DATA MANAGEMENT MAKES STORAGE EASY

The L80 tape library includes Library Status Tool, a web-based remote diagnostic tool that helps reduce operational costs and enhance reliability even further. The embedded SNMP agent facilitates network management and notification operations over an Ethernet connection.

L80 TAPE LIBRARY SPECIFICATIONS

FUNCTIONAL DATA

Number of cartridge slots 40, 60, 80
 Number of tape drives/types 1-8 LTO 1 & 2, SDLT 220 & 320, DLT 8000 tape drives, or a combination

CAPACITY AND PERFORMANCE

Capacity, native (uncompressed) LTO Ultrium 1 (100 GB/cart) – 8.0 TB
 (maximum configuration – 80 cartridges) LTO Ultrium 2 (200 GB/cart) – 16 TB
 SDLT 220 (110 GB/cart) – 8.8 TB
 SDLT 320 (160 GB/cart) – 12.8 TB
 DLT 8000 (40 GB/cart) – 3.2 TB

Throughput per hour, native LTO Ultrium 1 (15 MB/sec) – 432 GB/hr
 (uncompressed) LTO Ultrium 2 (30 MB/sec) – 864 GB/hr
 (maximum configuration – 8 drives) SDLT 220 (11 MB/sec) – 316.8 GB/hr
 SDLT 320 (16 MB/sec) – 460.8 GB/hr
 DLT 8000 (6 MB/sec) – 172.8 GB/hr

LIBRARY FEATURES

Adaptive Media Technology (AMT) Simultaneous, non-partitioned support of multiple tape and media types for seamless technology migration and specialization
 Cartridge Access Port (CAP) 5 cartridge slot CAP with removable magazine
 Digital vision system Unique digital vision camera system performs continuous calibration and reads bar codes
 Operator panel User-friendly configuration and diagnostic controls, status display and viewing window

LIBRARY PRODUCT/PERFORMANCE ENHANCEMENTS

Audit time 3 min
 Auto clean Dedicated cleaning cartridge slot for tape drive cleaning by library or software command.
 Automatic self discovery Self-configures the drives, slots and CAP. Also identifies drive and media types.
 Average cell to drive time 7.6 sec
 Continuous automation calibration No periodic maintenance or alignment required
 Library Status Tool Embedded software for remote monitoring and diagnostics of entire system
 SNMP enabled The library is a managed device with the embedded SNMP agent, that enables remote reporting and monitoring via standard Ethernet connection.
 Library Admin Provides advanced computing power for advanced reporting, monitoring and notification of the library. (optional)
 Library Manager Enables remote management and true library sharing between applications, within a network. (optional)
 Framework Library Monitor Host-based, and over SCSI, this application allows the library to be centrally viewable via a Framework application (i.e. CA Unicenter, HP Openview, Tivoli NetView.) (optional)
 Maintenance No periodic maintenance required
 Media management Adaptive Media Technology provides concurrent non-partitioned full, mixed-media capabilities
 Non-disruptive serviceability Hot-swappable drives, power supplies, fans, plus Ethernet and serial ports for diagnostics and reporting.
 Robotics control interfaces LVD or HVD SCSI, and 1Gb internal Fibre Channel router*
 Warranty 3 years, Advance Exchange, with multiple Service options available

RELIABILITY

Mean Exchanges/ Swaps Between Failures (MEBF/MSBF) 2,000,000
 Mean Time Between Failures (MTBF) 360,000 hr (full operation)
 Mean Time to Repair (MTTR) Less than 30 min

PHYSICAL DATA

Dimensions (W x H x D)
 Library 19.0 in x 31.5 in x 29 in (48.3 cm x 80 cm x 73.7 cm)
 Rack space 18 u** of standard 19 in rack space
 Weight
 Library 140 lb (63.6kg)

ENVIRONMENTAL DATA

Temperature
 Operating +50° F to +104° F (+10° C to +40° C)
 Non-operating +50° F to +104° F (+10° C to +40° C)
 Humidity
 Operating 20% to 80%
 Non-operating 10% to 95%

POWER SOURCE

Power input 100-240VAC @ 50-60 Hz single phase (auto-ranging)
 Power consumption/dissipation (operating maximum continuous - not peak)
 Library 1.40A @ 120V, 0.75A @ 240V, 180VA or 0.18 KVA, 615 BTU/hr
 Optional internal FC/SCSI router 28VA
 Drives Drive power consumption varies. Refer to individual drive specification sheets.

AGENCY CERTIFICATIONS

Safety CSA standard CAN/CSA-C22.2, no. 950-95; UL Listed to UL 950, 3rd Edition; GS licensed to EN 60950, 2nd Edition, 1991 + A1, A2, A3, A4; Nemko, Semko, Demko, Finko certified to EN 60950 (1992) A1/A2/A3/A4/A11, EMKO-TSE (74-SEC) 207/94; CB test certified
 Emissions FCC #47, Part 15, Subpart B, Class A; VCCI Class A European Union CE emissions standards AS/NZS 3548:1996 (Australia, N.Z.); ICES-003 (Canada)
 Immunity European Union CE immunity standards

* The L80 can accommodate two routers.

** With use of rack mount rails, rack mount shelves add 1u. One u is equal to 1.75in (4.45cm).

World Headquarters:

Storage Technology Corporation
 One StorageTek Drive
 Louisville, Colorado 80028 USA
 Phone: 1.800.877.9220

About StorageTek®

StorageTek (NYSE:STK), a \$2 billion worldwide company with headquarters in Louisville, Colo., delivers a broad range of storage solutions that are easy to manage, integrate well with existing infrastructures and allow universal access to data across servers, media types and networks. StorageTek provides practical and safe storage solutions in disk, networking, services, tape and tape automation.

For more information, see www.storagetek.com, or call 1.800.786.7835.

For more information contact:

Unylogix Technologies

Tel: (514) 253-5200

E-mail: get-info@unylogix.com

Web: www.unylogix.com

Specifications/features may change without notice.

© 2003 Storage Technology Corporation, Louisville, CO. All rights reserved. Printed in USA. StorageTek and the logo are trademarks of Storage Technology Corporation. Other product names mentioned may be trademarks of Storage Technology Corporation or other vendors/manufacturers.

MT2027L 7/03

StorageTek equipment is manufactured from new parts, or new and used parts. In some cases, StorageTek equipment may not be new and may have been previously installed. Regardless, StorageTek's standard warranty terms (as set forth at <http://www.storagetek.com/warranties/>) apply, unless the equipment is specifically identified by StorageTek as "used" or "refurbished." Replacement parts provided under warranty or any service offering may be either new or equivalent-to-new, at StorageTek's option.