



L80

TAPE LIBRARY

Key benefits

Any Cartridge Any Slot™ technology

StorageTek® offers support of multiple tape drive and media types. You can seamlessly migrate and specialize your data with just one library.

Easy expandability

As your needs grow, you can easily add drives or cartridges, advance to new drive technologies or swap to a larger library at a reduced price.

Space, cost savings

With up to 16 terabytes of capacity in a single unit, the L80 lets you store more data in less physical rack space, saving you both space and money.

Enhanced data protection

With its unmatched reliability and hands-free automation, the L80 tape library helps you keep Open Systems data protected and available.

Ease of use

Any administrator can install, configure and operate the L80 tape library. Remote monitoring and diagnostic tools simplify management.

SAN-ready

Connect to the future today and gain increased scalability, availability and sharability with flexible Fibre Channel connectivity.

Unmatched reliability

StorageTek's reputation for proven innovation and excellence is the foundation for the L40 tape library. They offer superior reliability and less downtime to Open Systems environments.



L80 tape library

With up to 80 slots and 16 terabytes of native capacity and enterprise-class reliability, the StorageTek L80 tape library is perfect for the demanding data environments of growing businesses. This automated tape library provides ultra-reliable backup and recovery in distributed Windows, Novell, Linux and UNIX environments.

Enterprise-class performance

The L80 tape library is ideal for mid- to larger-size businesses looking for a robust yet economical automated tape solution. With the L80 tape library, you get a high-performance, plug-and-play system that expands to meet growing data requirements. The L80 tape library can be upgraded quickly and easily simply by adding drives, increasing the number of tape slots or the addition of a Fibre Channel router. Store more than 16 terabytes of information in a single unit.

And the L80 is easy to manage. It features 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.

Flexible access to information

StorageTek's L80 tape library supports multiple leading technologies, including LTO Ultrium Generation 1 and 2, Super DLT 220 and 320, and DLT 8000 tape drives. 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.

Easy upgrade path

As a member of the L-Series™ automated tape library family, the L80 offers you an easy, cost-effective upgrade path. As your data storage requirements grow, you can seamlessly migrate to a higher capacity library. StorageTek® offers a flexible L-Series library trade-in plan to make the transition easy and cost-effective.



Baseline Implementation Services

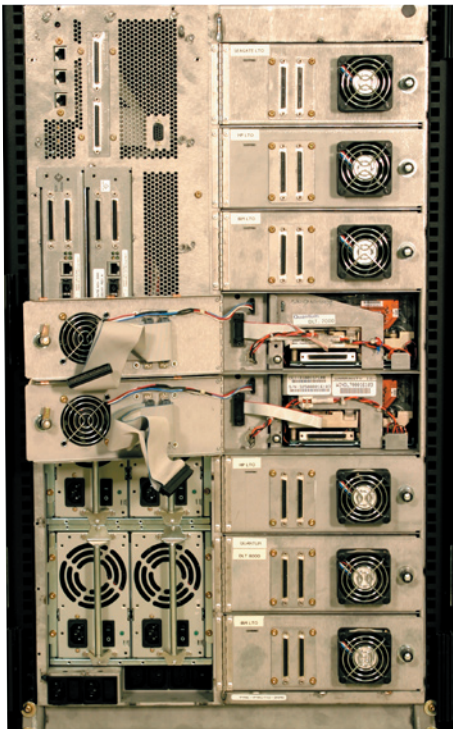
StorageTek's Implementation Services helps you achieve the full benefits of your storage solution investments — right from the start. The Baseline Implementation Services for midrange tape library base offering covers implementation of tape libraries in environments not requiring ACSLS Manager™ or Host Software Component (HSC) software. This offering provides the services to transfer knowledge to your organization.

The service includes establishing host connectivity to the library and the integration of the library into your existing backup operation including the setup of media controls. StorageTek Backup Resource Monitor™ software is installed and set up to report on your backup operation. In addition, the service includes design validation, documentation and project management.

In addition to Baseline Implementation Services, StorageTek offers two tiers of higher-level consulting services for organizations whose implementation needs go beyond the baseline level. To learn more, ask your StorageTek representative about Value-Add Implementation Services and Custom Implementation Services, or visit www.storagetek.com.

To learn more

To learn more about the L80 tape library and how it can help you unleash trapped profits in your storage environment, talk to your StorageTek representative or visit www.storagetek.com.



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L80 tape library specifications

Performance

Throughput per hour, native (uncompressed)	LTO Ultrium Generation 1 (15 MB/sec) – 432.0 GB/hr LTO Ultrium Generation 2 (30 MB/sec) – 864.0 GB/hr SDLT 320 (16 MB/sec) – 460.8 GB/hr
Audit time	3 min
Average cell to drive time	7.6 sec

Capacity

Capacity, native (uncompressed)	LTO Ultrium Generation 1 (100 GB/cart) – 8.0 TB LTO Ultrium Generation 2 (200 GB/cart) – 16.0 TB SDLT 320 (160 GB/cart) – 12.8 TB
Number of cartridge slots	40, 60, 80
Number of tape drives / types	1–8 LTO Ultrium Generation 1 and 2, SDLT 320 drives or a combination
Cartridge access port (CAP)	5-cartridge slot CAP with removable magazine

Availability

Mean exchanges/swaps between failure (MEBF/MSBF)	2,000,000
Mean time between failures (MTBF)	360,000 hr (full operation)
Mean time to repair (MTTR)	<30 min
Non-disruptive serviceability	Hot-swappable drives with power supply and fan, plus Ethernet and serial ports for diagnostics and reporting

Compatibility

Supported host platforms	UNIX, Linux, Windows NT, Novell NetWare
Robotics control interfaces	LVD or HVD SCSI and 2-Gb internal Fibre Channel router**
Any Cartridge Any Slot™ technology	Simultaneous non-partitioned support of multiple tape and media types

Management

L-Series Library Admin software	Advanced reporting, monitoring and notification of the library (optional)
Library Manager software	Remote management and true library sharing between applications within a network (optional)
Framework Library Monitor software	Host-based and over SCSI. Allows the library to be centrally viewable via a framework application. (i.e. Computer Associates, Unicenter, Hewlett-Packard OpenView, Tivoli NetView) (optional)
Library Status Tool software	Embedded software for remote monitoring and diagnostics of entire system
SNMP	Embedded SNMP agent that enables remote reporting, monitoring and notification via standard Ethernet connection
Digital vision system	Unique digital vision camera system performs continuous calibration and reads bar codes

Management (cont'd)

Operator panel	User-friendly configuration and diagnostic controls, status display and viewing window
Automatic clean	Dedicated cleaning cartridge slot for tape drive cleaning by library or software command
Automatic self-discovery	Automatic self-discovery
Continuous automation calibration	No periodic maintenance or alignment required

Mechanical

Library	
Height	31.5 in (80.0 cm)
Depth	29.0 in (73.7 cm)
Width	19.0 in (48.3 cm)
Weight	140.0 lb (63.6 kg)
Unit height	18u* of standard 19-inch rack space

Environmental

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

Power

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

Regulatory compliance

Electromagnetic compatibility	FCC (47 CFR 15, Subpart B) Class A CE (EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3)/VCCI (CISPR 22) Class A Canada (ICES-003) Class A
Safety	UL 1950 CAN/CSA 22.2 No. 950 EN60950

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

** The L80 tape library can accommodate two routers.



ABOUT STORAGETEK®

Storage Technology Corporation (NYSE: STK) is a \$2 billion global company that enables businesses, through its information lifecycle management strategy, to align the cost of storage with the value of information. The company's innovative storage solutions manage the complexity and growth of information, lower costs, improve efficiency and protect investments. For more information, visit www.storagetek.com, or call 1.800.275.4785 or 01.303.673.2800.

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