



L20

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.

Easily expandable

Flexible choices in capacity and throughput upgrade paths protect your storage investment long term. You can add drives or cartridges, advance to new drive technologies or even swap to a larger library at a reduced price.

Easy to use

Library Status Tool is also included for remote monitoring and an SNMP trap for notification. Or choose from L-Series™ Library Admin software, Library Manager or Framework Library Monitor software for additional management capabilities.

SAN-ready

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

Space savings

Store more data in less physical rack space than competing systems use, saving you space and money.

Unmatched reliability

StorageTek's reputation for proven innovation and excellence is the foundation for the L20 tape library. They offer superior reliability and less downtime to Open Systems environments.



L20 tape library

Enterprise-level quality, at an entry-level price

Based upon our industry-proven, enterprise-class tape automation technologies, the L20 tape library is designed to meet the needs of small, but demanding, data centers. It's also the perfect workgroup and departmental storage solution. As information storage requirements grow, your L20 tape library can be easily upgraded by adding an additional drive and increasing the number of tape slots, or upgraded to a completely new, larger capacity library. With the L20 tape library, you get a robust, scalable, high-performance tape automation system — backed by our industry-leading, three-year warranty with Advance Exchange and multiple service options: Next Day, Select (9 to 5 support) and Elite (24 x 7 support).

Automate and solve the backup and recovery challenge

Designed specifically for distributed Windows NT, Novell, Linux and UNIX environments, the L20 tape library is a plug-and-play solution that helps you realize the immediate benefits from hands-free tape automation, in addition to providing highly cost-effective, ultra-reliable backup and recovery.

High-performance data management makes storage easy

The L20 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.



A new level of accessibility

The L20 tape library provides Any Cartridge Any Slot™ technology, which supports multiple leading tape drive technologies, including LTO Ultrium Generation 1 and 2, Super DLT 220 and 320¹. You can mix and match tape technologies and media types without special media management or partitioning. Choose the drive technology that's best for you now. When it's time to advance to the new generations, you can make the migration in the same library, according to your needs and budget.

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

To learn more about the L20 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.



¹DLT and Super DLT tape drives are from Quantum Corporation and LTO Ultrium tape drives are from Hewlett-Packard, IBM and Certance.

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L20 tape library specifications

Performance

Throughput per hour, native (uncompressed)	LTO Ultrium Generation 1 (15 MB/sec) — 108.0 GB/hr LTO Ultrium Generation 2 (30 MB/sec) — 216.0 GB/hr SDLT 320 (16 MB/sec) — 115.2 GB/hr
Audit time	<2 min
Average cell to drive time	10.5 sec

Capacity

Capacity, native (uncompressed)	LTO Ultrium Generation 1 (100 GB/cart) — 2.0 TB LTO Ultrium Generation 2 (200 GB/cart) — 4.0 TB SDLT 320 (160 GB/cart) — 3.2 TB
Number of cartridge slots	10, 20
Number of tape drives / types	1–2 LTO Ultrium Generation 1 and 2, SDLT 320 drives or a combination
Cartridge access port (CAP)	Optional, configurable, single-cartridge slot

Availability

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)	<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, 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

Library Admin software	Provides computing power for 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
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	Self-configures the drives, slots and CAP. Also identifies drive and media types
Continuous automation calibration	No periodic maintenance or alignment required

Mechanical

Library	
Height	7.0 in (17.8 cm)
Depth	27.5 in (71.1 cm)
Width	19.0 in (48.3 cm)
Weight	48.0 lb (21.8 kg)
Unit height	4u* 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 compliance	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)



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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