



KEY BUSINESS BENEFITS

With the StorageTek™ L40 tape library, your business will benefit from:

Mixed Operating System Support – Whether your environment is based in Microsoft Windows NT, Novell, Linux or UNIX, you can take full advantage of the L40's high-performance storage capabilities.

Ease of Upgrade – An innovative upgrade path allows you to exchange your L40 system for a new, larger capacity library in the L20/L40/L80 series. Your initial drive investment can be carried along with each upgrade. The upgrade is as simple as the initial installation. The new unit requires no additional training. And the trade-in plan saves you money.

Storage Leadership – With 30 years of industry experience and 100 petabytes of data stored on StorageTek systems worldwide, StorageTek is the global leader in information management and storage.

Ease of Use – The plug-and-play solution is easy to install and use—saving deployment time for your IT staff.

Best-in-Class Reliability – The L40 tape library is more reliable than the competition, enabling the best access to data.

Volumetric Efficiency – You can store more data in less physical rack space than competing systems, which saves you space and money.

Investment Protection – Support for multiple tape technologies protects your investment from rapid technology changes.

StorageTek L40

Tape Library

EASY-TO-USE TAPE SOLUTION MEETS GROWING DATA MANAGEMENT NEEDS

The StorageTek™ L40 tape library provides affordable, high-performance, high-capacity data management for demanding distributed environments.

Proven technology, reliable, high-speed robotics and an entry-level price—plus an easy upgrade path from the L20 to the L80—make the L40 tape library the answer for growing organizations' automated backup and recovery needs. The L40 single-unit design takes up less physical space than competing rack-and-stack solutions. And its plug-and-play capabilities enable easy installation and management right out of the box.

Capacities as high as 4 TB and software tools that enable offloading administration into a single, centralized location provide sophisticated storage and management solutions. This robust tape automation system from the worldwide storage leader gives Microsoft® Windows NT®, Novell®, Linux® and UNIX® environments the best total cost of ownership and scalability to meet future growth requirements.



FUNCTIONAL DATA

Number of Cartridge Slots	20, 40
Number of Drives	1 to 4 DLT 7000 or DLT 8000 drives SDLT, DLT1 and LTO Ultrium when available

Library Capacity

	Uncompressed		Compressed (2:1)	
	20 slots	40 slots	20 slots	40 slots
Cartridge Capacity				
DLT 7000 (Cartridge Capacity 35 GB)	700 GB	1.4 TB	1.4 TB	2.8 TB
DLT 8000 (Cartridge Capacity 40 GB)	800 GB	1.6 TB	1.6 TB	3.2 TB
SDLT (Cartridge Capacity 110 GB)	2.2 TB	4.4 TB	4.4 TB	8.8 TB
LTO Ultrium (Cartridge Capacity 100 GB)	2.0 TB	4.0 TB	4.0 TB	8.0 TB
DLT1 (Cartridge Capacity 40 GB)	800 GB	1.6 TB	1.6 TB	3.2 TB

Library Throughput

	Uncompressed		Compressed (2:1)	
	2 Drives	4 Drives	2 Drives	4 Drives
Drive Data Rate				
DTL 7000 (5 MB/s)	36 GB/hr	72 GB/hr	72 GB/hr	144 GB/hr
DLT 8000 (6 MB/s)	44 GB/hr	88 GB/hr	88 GB/hr	176 GB/hr
SDLT (10 MB/s)	72 GB/hr	144 GB/hr	144 GB/hr	288 GB/hr
LTO Ultrium (15 MB/s)	108 GB/hr	216 GB/hr	216 GB/hr	432 GB/hr
DLT1 (3 MB/s)	22 GB/hr	44 GB/hr	44 GB/hr	88 GB/hr

Supported Media	DLTtape™ III, DLTtape IV, SDLT Tape, Ultrium Tape; any media, any slot
Initialization Time	2 min.
Average Cartridge Access Time	8 sec.
Robotics Control Interfaces	SCSI-3 Fast-Wide interface, LVD or HVD
Fibre Channel	Easy upgrade to Fibre Channel
Digital Vision System	StorageTek's unique digital vision system performs continuous calibration and reads bar codes
Continuous Automatic Calibration	No periodic maintenance or alignment required
AutoClean	Library or software-initiated tape drive cleaning uses the dedicated cleaning cartridge slot
Import/Export Slot	2-cartridge slot CAP (Cartridge Access Port)
Operator Panel	User-friendly configuration, diagnostic controls and status display
Automatic Self-Configuration	Self-configuring for the quantity and type of drives, slots and media
Non-Disruptive Serviceability	Hot-swappable drives and power supplies
Library Monitor	Embedded Web-based library status monitor
High-Availability Features	Redundant power supplies for robotics and tape drives

RELIABILITY

MEBF (Mean Exchanges Between Failures)	2,000,000
MTTR (Mean Time To Repair)	Less than 30 min.
MTBF (Mean Time Between Failures)	360,000 hrs. (full operation)

PHYSICAL DATA**Dimensions**

W x H x D in. (cm)	19.0 x 17.5 x 29.75 (48.3 x 44.5 x 75.6)
Weight (library only, without drives)	98 lbs. (44.45 kg)

ENVIRONMENTAL DATA

	Operating	Storage	Transporting
Temperature	+50° to +104° F +10° to +40° C	+50° to +104° F +10° to +40° C	-40° to +140° F -40° to +60° C
Humidity (non-condensing)	20 to 80%	10 to 95%	10 to 95%
Wet Bulb (max., non-condensing)	+84.5° F +29.2° C	+95° F +35° C	+95° F +35° C
Altitude	-250 to 10,000 ft. (-76 to 3,048 m)		

POWER SOURCE (Library Only)

Power Input	100–240 VAC @ 50–60 Hz single phase (auto ranging)
Power Consumption (max.)	1.42 A @ 120 V, 0.75 A @ 240 V 180 VA or 0.18 KVA, 614 BTU/hr

AGENCY CERTIFICATIONS

Safety	CSA standard CAN/CSA-C22.2 no. 950-95; UL standard 1950, 3rd Edition; EN60950
Emissions	FCC #47, Part 15, Subpart B, Class A; VCCI Class A; European Union CE emissions standards; ICES-003 (Canada)
Immunity	European Union CE immunity standards

About StorageTek

StorageTek, a \$2 billion worldwide company with headquarters in Louisville, Colo., delivers a broad range of storage solutions for digitized data. StorageTek solutions are easy to manage and allow universal access to data across servers, media types and storage networks. StorageTek is the innovator and global leader in virtual storage solutions for tape automation, disk storage systems and storage networking. Because of StorageTek, customers can manage and leverage their digital assets as their businesses grow, and can maximize IT productivity to ensure enterprise-class business continuity. For more information, see www.storageitek.com or call 1.800.786.7835.

©Copyright 2001 Storage Technology Corporation, Louisville, CO. All rights reserved. Printed in USA. StorageTek; the signature: Information Made Powerful and Open, Intelligent and Integrated are trademarks of Storage Technology Corporation. Other product names mentioned may be trademarks of Storage Technology Corporation or other vendors/manufacturers.