



KEY BUSINESS BENEFITS

With the StorageTek™ L80 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 L80's high-performance storage capabilities.

Ease of Upgrade – The L80 is the simple-to-implement, high-performance upgrade choice from the L20 or L40.

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 simple to install and use—saving deployment time for your IT staff.

Best-in-Class Reliability – The L80 Tape Library is more reliable than the competition, enabling the best access to data.

Continuous Availability – Rest assured that your valuable data will remain intact and accessible.

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 L80 Tape Library

HIGH-CAPACITY TAPE SOLUTION FOR THE LARGEST BACKUP AND RECOVERY NEEDS

For the most demanding distributed environments, the ultra high-capacity L80 Tape Library from StorageTek™, the worldwide storage leader, provides advanced, high-performance, streamlined data management.

With world-class technology, high-speed robotics and twice the reliability of competitors, the L80 Tape Library is the ultimate solution for fast-growing organizations' automated backup and recovery needs. The L80 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 up to 8 TB and software tools that enable offloading administration into a single, centralized location provide sophisticated storage and management solutions. With its easy upgrade path and the capacity to meet both current and future growth requirements, this robust tape automation system gives Microsoft® Windows NT®, Novell®, Linux® and UNIX® environments the best total cost of ownership.



FUNCTIONAL DATA

Number of Cartridge Slots	40, 60, 80						
Number of Drives	1 to 8 DLT 7000 or DLT 8000 drives SDLT, DLT1 and LTO Ultrium when available						
Library Capacity							
		Uncompressed			Compressed (2:1)		
Cartridge Size	Slots:	40	60	80	40	60	80
DLT 7000 (Cartridge Capacity 35 GB)	TB:	1.4	2.1	2.8	2.8	4.2	5.6
DLT 8000 (Cartridge Capacity 40 GB)	TB:	1.6	2.4	3.2	3.2	4.8	6.4
SDLT (Cartridge Capacity 110 GB)	TB:	4.4	6.6	8.8	8.8	13.2	17.6
LTO Ultrium (Cartridge Capacity 100 GB)	TB:	4.0	6.0	8.0	8.0	12.0	16.0
DLT1 (Cartridge Capacity 40 GB)	TB:	1.6	2.4	3.2	3.2	4.8	6.4

Library Throughput

		Uncompressed			Compressed (2:1)		
Drive Data Rate	Drives:	4	6	8	4	6	8
DLT 7000 (5 MB/s)	GB/hr:	72	108	144	144	216	288
DLT 8000 (6 MB/s)	GB/hr:	86.4	129.6	172.8	172.8	259.2	345.6
SDLT (10 MB/s)	GB/hr:	144	216	288	288	432	576
LTO Ultrium (15 MB/s)	GB/hr:	216	324	432	432	648	864
DLT1 (3 MB/s)	GB/hr:	43.2	64.8	86.4	86.4	129.6	172.8

Supported Media	DLTtape™ III, DLTtape IV, SDLT Tape, Ultrium Tape; any media, any slot
Initialization Time	3 min.
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	5-cartridge slot CAP with removable magazine
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 31.5 x 29 (48.3 x 80 x 73.7)
Weight (library only)	140 lbs. (63.6 kg)

ENVIRONMENTAL DATA

	Operating	Storage	Transporting
Temperature	+59° to +90° F +15° to +32° C	+50° to +104° F +10° to +40° C	-40° to +140° F -40° to +60° C
Humidity	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