

Key Business Benefits

- > **Mixed-media support**
Support for concurrent multiple tape technologies lets you put the right information on the right device with the right access – at the right cost.
- > **SAN-readiness**
2Gb Fibre Channel connectivity allows faster data sharing and remote management. The L180 also provides for dynamic world wide naming for the library as well as for the Fibre Channel tape drives. The standard, integrated six-unit rack space is ideal for mounting auxiliary systems like routers, switches and hubs.
- > **Easy management**
Intelligent software monitors and collects library statistics. Access and monitor information remotely using a standard web browser. Streamlined management optimizes space, increases availability and boosts e-business performance.
- > **Round-the-clock reliability**
Tape drives, fans and power supplies are hot swappable. Uninterruptible and redundant power supplies are available. No routine maintenance is required.
- > **Storage leadership**
For more than 33 years, StorageTek has set the standards of the storage industry. Offering world-class tape, disk, management software, connectivity, services, support and third-party products, StorageTek can connect you to your future in ways no one else can; and with the L180 tape library, you can do it today.

Enterprise-level quality for midsize, open systems environments

Based upon our industry-proven, enterprise-class, tape automation technologies, the StorageTek® L180 tape library is designed for midsize, distributed open systems implementations in Unix and Windows NT environments. The L180 tape library features a high-speed Native 2Gb Fibre Channel interface and is ideal for attachment to scalable storage area networks (SANs).

Multi-task in a multiplatform world

StorageTek's Adaptive Media Technology allows the StorageTek L180 tape library to handle multiple tape drive types, including up to six StorageTek T9840 tape drives or ten DLT, SDLT, and LTO Ultrium tape drives in different combinations. Store up to 27.84 TB, and achieve disk-like speed with the economy of tape.

Performance in overdrive

The StorageTek L180 tape library's high drive-to-cartridge ratio is ideal for high bandwidth applications like medical and document imaging. The L180 tape library helps you reduce backup windows and restore data quickly. To keep your information moving, fast StorageTek 4D Robotics and Digital Vision System let all applications read and write simultaneously, with over 450 cartridge exchanges per hour.

The right access for any application

Your applications and environment – not limitations of your storage – should dictate access to information. The StorageTek L180 tape library's native Fibre Channel and Ultra SCSI interfaces ensure the right access no matter what the job. Combined with StorageTek's native Fibre Channel T9840 tape drive or LTO Ultrium FC tape drive, the L180 tape library delivers an unbeatable all-Fibre Channel solution for increased productivity.

An investment that grows in value

The L180 tape drive is a long-term business asset with open-systems compatibility that will work for you now and in the future.



StorageTek L180 Tape Library

The smallest library in the high-performance L-series Tape Libraries, the L180 provides enterprise-class reliability and performance for the mid-range market.

L180 tape library specifications

Functional data	
Number of cartridge slots	84, 140, 174 Plus six slots for diagnostic and cleaning cartridges
Number of tape drives/types	1 to 6 T9840 drives 1 to 10 LTO Ultrium, SDLT and DLT 8000 drives
Capacity and performance	
Capacity, native (uncompressed) (maximum configurations - 174 cartridges)	T9840A (20 GB/cart) – 3.48 TB T9840B (20 GB/cart) – 3.48 TB LTO Ultrium (100 GB/cart) – 17.4 TB SDLT 320 (160GB/cart) – 27.84 TB DLT 8000 (40 GB/cart) – 6.96 TB
Throughput per hour, native (uncompressed) (maximum configurations)	T9840A (6 drives, 10 MB/sec) – 216 GB/hr T9840B (6 drives, 19 MB/sec) – 410.4 GB/hr LTO Ultrium (10 drives, 15 MB/sec) – 540 GB/hr SDLT 320 (10 drives, 16 MB/sec) – 576 GB/hr DLT 8000 (10 drives, 6 MB/sec) – 216 GB/hr
Library features/hardware	
Cartridge Access Port (CAP)	Standard, ten-cartridge capacity Two 5-cartridge removable magazines
Digital vision system Operator panel	Unique digital vision system performs continuous calibration and reads bar codes User-friendly configuration and diagnostic controls, status display and viewing window
Library product/performance enhancements	
Audit time	Less than four min
AutoClean	Library or software-initiated tape drive cleaning uses the dedicated cleaning cartridge slot
Automatic self discovery	Self configuring for cells, drives and CAPs
Average cell to drive time	4 sec
Continuous automation calibration	No periodic maintenance or alignment required
L-Series Library Admin	Optional embedded web-based library administration tool
Maintenance	No periodic maintenance required
Media management	Adaptive Media Technology provides non-partitioned full, mixed-media capabilities
Non-disruptive serviceability	Hot-swappable drives, redundant power supplies and fans; serial port and Ethernet port for diagnostics; optional Universal Power Supply (UPS)
Robotics control interfaces	SCSI-3 media changer command set HVD (default), LVD and 2Gb Fibre Channel
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	
Library dimensions (W x H x D)	28.3 in x 65.1 in x 49.3 in (71.9 cm x 165.4 cm x 125.2 cm)
Rack space	6 u* of standard 19 in rack space
Library weight (library only)	635 lb (288 kg)
Environmental Data	
Temperature	
Operating	+59° F to +90° F (+15° C to +32° 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	100-127VAC, 200-240VAC @ 50-60 Hz single phase (auto-ranging)
Power consumption/dissipation (operating maximum continuous - not peak)	
Library	1.0A @ 120VAC, 0.5A @ 240VAC, 410 BTU/hr
Tape 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 1950, 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

* Rack space is measured in height and expressed as a u. One u is 1.75 in (4.45 cm) in height.

About StorageTek®

StorageTek (NYSE:STK), 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 continuity. For more information, see www.storageitek.com or call **1.800.786.7835**.

World Headquarters

Storage Technology Corporation
One StorageTek Drive
Louisville, Colorado 80028 USA
Phone: 1.800.786.7835
Fax: 719.536.4053

International Offices

Australia: 61.2.9433.4844
Austria: 0800.20.16.31
Belgium: 0800.75.327
Brazil: 55.11.3044.4599
Canada: 905.602.5586
China: 86.10.8251.1911
Denmark: 8088.0744
Finland: 08001.13361
France: 0800.82.83.57
Germany: 0800.181.6238
Hong Kong: 852.8200.0791
India: 91.80.226.7272
Ireland: 1800.55.33.54
Italy: 167.790.852
Japan: 81.3.3746.9711
Korea: 82.2.191.1100
Malaysia: 603.772.41125
Mexico: 52.55.5258.8000
The Netherlands: 0800.022.8496
Norway: 800.11.220
Poland: 48.22.5757.157
Singapore: 65.6774.9248
South Africa: 0800.99.5828
Spain: 900.99.33.66
Sweden: 020.798711
Switzerland: 0800.83.87.65
Taiwan: 886.2.6600.9840
United Arab Emirates: 971.4.39135
United Kingdom: 0800.731.8852

Specifications/features may change without notice.

© 2002 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.

MT9157C 11/02