



STORAGETEK

StorageTek™ L180 Tape Library

Businesses with a future
require storage with a future.



Connected to the future

The StorageTek™ L180 Tape Library connects the incredibly sophisticated capabilities you need today with the unforeseen storage demands you'll undoubtedly have tomorrow. In today's mixed environments, the L180 Library not only fits in, it's the pivotal element that makes the most of assets you already own and the new solutions you buy later.

Like all StorageTek solutions, the L180 Tape Library is built around one thing and one thing only: your information. Its unique combination of high-speed robotics, mixed-media support and web-based monitoring interface gives you unrivaled flexibility, performance and management. So you can do more with your information...and do it with much less. Less effort. Less space. Less equipment. Less money.



Eliminate limitations

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 or reducing backup windows and quickly restoring data. To keep your information moving, fast StorageTek 4D Robotics™ and Digital Vision System let all applications read and write simultaneously with over 900 cartridge fetches per hour.

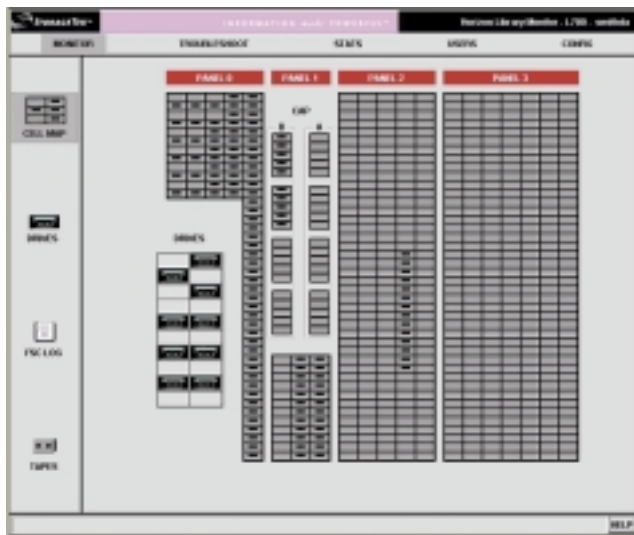
But true performance means getting no less — and paying for no more — than you need. Integrated with up to six high-performance StorageTek 9840 Tape Drives or ten DLT Drives, the L180 Library lets you tune the system to your specific application needs.

The right access for every application

Your applications and environment — not your storage — should dictate access to your information. The StorageTek L180 Tape Library's native Fibre Channel and standard SCSI interfaces ensure the right access no matter what the job. Combined with StorageTek's native Fibre Channel 9840 Tape Drive, the L180 Library delivers an unbeatable all-Fibre Channel solution for incredible productivity.

When you're ready for a Storage Area Network (SAN), the L180 Tape Library, tape drives and StorageTek software and support are already there.

StorageTek's Horizon Library Monitor



Centralized Monitoring

Using StorageTek's Horizon Library Monitor, simply plug the L180 into your network and you can monitor the library using Unicenter TNG, Tivoli, NetView, or OpenView Network Node Manager. Or you can use an easy web-based interface. Either way, it's fast, easy, efficient and secure.



Multi-task in a multiplatform world

StorageTek solutions are unrivaled for putting the right information on the right device with the right access and at the right cost.

Our Adaptive Media Technology allows the scalable StorageTek L180 Library to handle multiple tape drive types, including StorageTek 9840 Tape Drives and high-capacity DLT Drives now, and Super DLT and LTO Ultrium Drives in the future. So in mixed environments, you can get disk-like speed with the economy of tape. And with its built-in rack, you can customize the L180 Library any way you want.

An investment that grows in value

The L180 Library is a long-term business asset. With open systems compatibility that'll work for you now and in the future. Inherent scalability you may never outgrow. Reliability you can't live without. Performance and capacity that extend across your enterprise. As you add new tape drive technologies later, you can still keep what you've got — the same tape slots, cartridges, software and robotics. It's the StorageTek way to connect you with your future.

A critical connection

After more than 30 years, StorageTek continues to set the standards of the storage industry. With our world-class tape, disk, management software, connectivity, services, support and third-party products, we can connect you to your future in ways no one else can. And with the L180 Library, we can do it today.



Unbelievable flexibility

Aegis



Revolutionary

**Aegis™ architecture
connects your information
and your business**

StorageTek's revolutionary Aegis™ Tape Library architecture sets a whole new standard with advanced performance, unprecedented flexibility, management simplicity and investment protection. As a result, Aegis gives you an incomparable ability to collect, move, store, share and protect your information. And easily manage it anywhere, anytime.

change

Seize the future



L180 Tape Library technical specifications

<p>Functional Data</p> <p>Number of cartridge slots</p> <p>Number of drives</p> <p>Library capacity (174 slots) DLT 8000 (cartridge capacity 40 GB) DLT 7000 (cartridge capacity 35 GB) 9840 (cartridge capacity 20 GB)</p> <p>Library throughput DLT 8000 (10 drives, 6 MB/S) DLT 7000 (10 drives, 5 MB/S) 9840 (6 drives, 10 MB/S)</p> <p>Media</p> <p>Average cartridge access time</p> <p>Audit time</p> <p>Robotics control</p> <p>Bar code reader</p> <p>Calibration</p> <p>Drive cleaning</p> <p>Cartridge access port</p> <p>Control panel</p> <p>Automatic self configuration</p> <p>Serviceability</p> <p>Internal rack space</p> <p>MTTR (Mean Time To Repair)</p>	<p>84, 140, 174 Plus six slots for cleaning and diagnostic cartridges Up to 10 DLT 8000 or DLT 7000 drives, or up to six 9840 drives, or a combination</p> <table border="0"> <tr> <td>Uncompressed</td> <td>Compressed</td> </tr> <tr> <td>6.96 TB</td> <td>13.92 TB (2:1)</td> </tr> <tr> <td>6.09 TB</td> <td>12.18 TB (2:1)</td> </tr> <tr> <td>3.48 TB</td> <td>10.44 TB (3:1)</td> </tr> </table> <table border="0"> <tr> <td>Uncompressed</td> <td>Compressed</td> </tr> <tr> <td>216 GB/hr</td> <td>432 GB/hr (2:1)</td> </tr> <tr> <td>180 GB/hr</td> <td>360 GB/hr (2:1)</td> </tr> <tr> <td>216 GB/hr</td> <td>432 GB/hr (2:1)</td> </tr> </table> <p>DLT or 9840</p> <p>7 seconds (DLT drives) 4.5 seconds (9840 drives)</p> <p>Less than 3 minutes SCSI-2 media changer command set, Fast/Wide interface, single-ended or differential; ASCLS SCSI connection, native Fibre Channel option Standard digital camera-based vision system Automatic (cells, drives and cartridge access port) Automatic, library or software initiated Standard, 10 cartridge capacity Two 5-cartridge removable magazines User-friendly configuration and diagnostic controls, status display and viewing window Self configuring for drives, cells and CAP Hot swappable drives, power supplies and fans, serial port and Ethernet port for diagnostics Standard 19" Rack, 6u high (10.5") Less than 30 minutes</p>	Uncompressed	Compressed	6.96 TB	13.92 TB (2:1)	6.09 TB	12.18 TB (2:1)	3.48 TB	10.44 TB (3:1)	Uncompressed	Compressed	216 GB/hr	432 GB/hr (2:1)	180 GB/hr	360 GB/hr (2:1)	216 GB/hr	432 GB/hr (2:1)												
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<p>Reliability</p> <p>MEBF (Mean Exchanges Between Failures)</p> <p>MTBF (Mean Time Between Failures)</p>	<p>2,000,000 360,000 hours (full operation)</p>																												
<p>Physical Data</p> <p>Dimensions: W x H x D in. (cm.)</p> <p>Weight (library only)</p>	<p>28.3 x 65.1 x 49.3 (71.9 x 165.4 x 125.2) 605 lbs (274.4 kg)</p>																												
<p>Environmental Data</p> <p>Temperature</p> <p>Humidity</p> <p>Wet bulb (Max., non-condensing)</p> <p>Altitude</p>	<table border="0"> <thead> <tr> <th></th> <th>Operating</th> <th>Storage</th> <th>Transit</th> </tr> </thead> <tbody> <tr> <td>F</td> <td>+59 to +90</td> <td>+50 to +104</td> <td>-40 to +140</td> </tr> <tr> <td>C</td> <td>+15 to +32</td> <td>+10 to +40</td> <td>-40 to +60</td> </tr> <tr> <td></td> <td>20% to 80%</td> <td>10% to 95%</td> <td>10% to 95%</td> </tr> <tr> <td>F</td> <td>+85</td> <td>+95</td> <td>+95</td> </tr> <tr> <td>C</td> <td>+29</td> <td>+35</td> <td>+35</td> </tr> <tr> <td></td> <td colspan="3">-250 to 10,000 feet (-76 to 3,050 meters)</td> </tr> </tbody> </table>		Operating	Storage	Transit	F	+59 to +90	+50 to +104	-40 to +140	C	+15 to +32	+10 to +40	-40 to +60		20% to 80%	10% to 95%	10% to 95%	F	+85	+95	+95	C	+29	+35	+35		-250 to 10,000 feet (-76 to 3,050 meters)		
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<p>Power Source</p> <p>Power input</p> <p>Power consumption (max)</p> <p>Library</p> <p>DLT 8000 drive</p> <p>DLT 7000 drive</p> <p>9840 drive</p>	<p>90-264 VAC @ 47-63 Hz single phase (auto-ranging)</p> <p>1.75A @ 120V, 0.88A @ 240V, 716 BTU/hr 0.8A @ 120V, 0.42A @ 240V, 327 BTU/hr 0.92A @ 120V, 0.46A @ 240V, 375 BTU/hr 1.35V @ 120V, 0.68A @ 240V, 552 BTU/hr</p>																												
<p>Agency Certifications</p> <p>Safety</p> <p>Emissions</p> <p>Immunity</p>	<p>CSA certified CAN/CSA-C22.0 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, Fimko certified to EN 60950 (1992) A1/A2/A3/A4/A11, EMKO-TSE(74-SEC) 207/94 CB Test certified 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) European Union CE immunity standards</p>																												

More information?
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MT 2019 A 9/99

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