



Timberwolf™ 9730

Automated Tape Library

Rack mountable
DLT library for
departments and
workgroups.

- 20- or 30-cartridge capacity
- Up to four DLT drives
- Windows NT and UNIX integration
- Up to 1.05 TB data storage (uncompressed)
- Advanced rotational robotics
- Sophisticated camera-based vision system
- Rack-mountable, desktop and deskside configurations
- Hot-swappable drives

The Timberwolf™ 9730 automated tape library from StorageTek is a compact, scalable, rack-mountable solution that allows for cost-effective automated data storage. It attaches to Windows NT and UNIX networks quickly and delivers trouble-free service day in and day out.

Scalable capacity and performance to match growth

The Timberwolf™ 9730 allows you to begin implementing automated storage with a 20-cartridge configuration and then easily expand to 30 cartridges when needed. Scalable capacities range from gigabytes to more than a terabyte (uncompressed). DLT 7000 drives are supported to meet your performance requirements for high-speed backups.

Advanced rotational robotics

The Timberwolf™ 9730 robotics system transports tapes faster and more efficiently than linear robotics systems. A cylindrical cell array enables high cartridge-storage density and more efficient access to cartridges and drives.

Sophisticated vision system

The Timberwolf™ 9730 camera-based vision system is designed specifically for tape automation applications. It uses no moving parts and is more reliable than standard bar-code readers.

Continuous data availability

The Timberwolf™ 9730 monitors drive status and automatically recovers from errors. In the event of a power failure, the library spontaneously resumes normal operations, thus ensuring continuous data availability across your storage network.



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Timberwolf 9730 Specifications

Functional data	
Number of cartridges	20 or 30 (28 with four drives)
Number of drives	Up to four DLT 4000 or DLT 7000 drives
Library Capacity (30 slots)	Uncompressed Compressed (2:1)
DLT 4000 (cartridge capacity 20 GB)	600 GB 1.2 TB
DLT 7000 (cartridge capacity 35 GB)	1.05 TB 2.1 TB
Library Throughput (4 drives)	Uncompressed Compressed
DLT 4000	21.6 GB/hr 43.2 GB/hr
DLT 7000	72 GB/hr 144 GB/hr
Media	DLTtape IV
Average cartridge access time	Six seconds
Audit time	Less than one minute
Robotics control	SCSI-2 media changer command set, Fast/Wide interface, single-ended or differential (selectable in field)
Bar code reader	Standard, camera-based vision system
Calibration	Automatic (cells, drives and cartridge access port)
Drive cleaning	Automatic, library or software initiated
Cartridge access port	Standard, single-cartridge capacity
Control panel	User-friendly configuration and diagnostic controls, status display and viewing window
Serviceability	In-rack service; key components are customer- serviceable; hot swappable drives*; RS-232C port for diagnostics and software upgrades
	(*without affecting library operation; channel integrity must still be maintained)

Reliability

MEBF (Mean Exchanges Between Failures)	1,000,000
MTBF (Mean Time Between Failures)	70,000 hours (full operation)
MTTR (Mean Time To Repair)	Less than 30 minutes

Physical data

Dimensions: W x H x D in. (cm.)	19.0 x 17.5 x 28.6 (48.3 x 44.5 x 72.6)
Weight (Library only)	110 lbs (49 kg)

Environmental data

	Operating	Storage	Transit
Temperature	°F +59 to +90	+50 to +104	-40 to +140
	°C +15 to +32	+10 to +40	-40 to +60
Humidity	20% to 80%	10% to 95%	10% to 95%
Wet bulb (Max., non-condensing)	°F +85	+95	+95
	°C +29	+35	+35
Altitude	-250 to 10,000 feet (-76 to 3,050 meters)		

AC voltage and frequency requirements for library including drives is 100-240 VAC and 50-50 Hz

Drive	Power supply*	VA	Current	BTU/hr
DLT4K	50W	80	0.64A@120VAC 0.33A@240VAC	273
DLT4K	85W(PFC)	52	0.42@120VAC 0.22A@240VAC	178
DLT7K	50W	110	0.92A@120VAC 0.46A@240VAC	377
DLT7K	85W(PFC)	72	0.59@120VAC 0.30A@240VAC	246
DLT8K	50W	100	0.80A@120VAC 0.42A@240VAC	344
DLT8K	85W(PFC)	65	0.53A@120VAC 0.27A@240VAC	222
Library Only		240	2.0A@120VAC	820

*Beginning December 1, 2000, all 9730 drives will ship with 85 watt PFC power supplies.

Agency Certifications

Safety	CSA standard CAN/CSA-C22.2 no. 950-M93 UL standard 1950, Third Edition; EN60950
Emissions	FCC #47, Part 15, Subpart B, Class A; VCCI Class A European Union

More information?
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