STORAGETEK ®

TIMBERWOLF®
9740
TAPE LIBRARY

Key benefits

Grow ahead
Attach from one to six TimberWolf 9740 tape libraries with cartridge exchange mechanism (CEM) for a maximum storage capacity of up to 175 terabytes. Expand storage incrementally and stay ahead of your growing storage needs.

Keep data accessible
The TimberWolf 9740 tape library's advanced, high-speed rotational robotics mean fast data access, high reliability and no scheduled maintenance — ideal for large, multiplatform environments with complex storage needs.

Configure as needed
Each TimberWolf 9740 tape library provides nearly 30 terabytes of native storage in a small footprint, and supports a variety of tape technologies so you can match the right drives and media with your changing application needs.

Serve the enterprise
Applications ranging from e-commerce and data warehousing to broadcasting and complex imaging can now get affordable enterprise-class performance for backup, data archiving and disaster recovery.

Keep management simple
ACSLS Manager, Host Software Component (HSC) and VSM system software technologies, plus a range of third-party solutions, let you control the storage infrastructure while saving time, money and IT resources.

Get help with one call
StorageTek is your single source for storage products, accessories, applications, standardized media, expert maintenance and technical support. No one does storage better.

TimberWolf® 9740 tape library

There's no such thing as too much storage. That's why the TimberWolf® 9740 tape library is so perfect for today's evolving enterprises. It provides reliable tape-based storage in a scalable, automated system that can start small and grow as needed.

Thirty terabytes is a lot of storage. But with the TimberWolf 9740 tape library, it's truly just the beginning. Because with this storage system you can connect up to six small-footprint libraries in a single system for seamless access to 175 terabytes of native storage. You get reliable, high-performance tape storage immediately to collect, move, store, share, protect and manage data — plus the ability to grow capacity at any time by simply adding more modules.

Growth without conflicts
The TimberWolf 9740 tape library adapts easily to a changing world. It supports a variety of drive and media technologies including T9840 and T9940 tape drives, DLT, standard 36-track tape, ETape, TimberLine® cartridge subsystem EETape and RedWood SD-3 helical scan cartridge subsystem. It also makes it easy to control an ever-changing storage environment with ACSLS Manager™ software for client-server environments. And with Virtual Storage Manager® (VSM®) system software, the TimberWolf 9740 tape library allows you to use nearly 100 percent of tape capacity, so you make the most of existing storage resources — and IT dollars.

We've got your back
The TimberWolf 9740 tape library supports both remote and onsite data vault applications for ultra-reliable disaster recovery. It's a performance-enhancing complement to primary disk for high-volume data archiving applications. And it can be used to consolidate backup and restore operations in a single system, reducing IT costs and simplifying library management. For 30 years, no other solution provider has protected your data — or your storage investment — better than StorageTek®.

TimberWolf 9740 tape library specifications

Performance

Throughput per hour, native (uncompressed)	T9840A (10 drives, 10 MB/sec) – 360 GB/hr
	T9840B (10 drives, 19 MB/sec) – 684 GB/hr
	T9840C (10 drives, 30 MB/sec) – 108 GB/hr
	T9940A (10 drives, 10 MB/sec) – 360 GB/hr
	T9940B (10 drives, 30 MB/sec) – 108 GB/hr
	TimberLine 9490 (4 drives, 6 MB/sec) – 86.4 GB/hr
Audit time	<2 min
Average cell to drive time	6 sec

Capacity

Capacity, native (uncompressed)	(maximum configurations 494 cartridges)
	T9840A (494 carts, 20 GB/cart) – 9.88 TB
	T9840B (494 carts, 20 GB/cart) – 9.88 TB
	T9840C (494 carts, 40 GB/cart) – 19.76 TB
	T9940A (494 carts, 60 GB/cart) – 29.64 TB
	T9940B (494 carts, 200 GB/cart) – 98.8 TB
	TimberLine EE (494 carts, 1.6 GB/cart) – 790 GB
Number of cartridge slots	326 or 494 (with expansion door), 1–6 LSMs
Number of tape drives/types	1–10 T9840, T9940
	Or 2–4 TimberLine 9490

Availability

Mean exchanges/swaps between failure (MEBF/MSBF)	1,000,000
Mean time to repair (MTTR)	<30 min

Compatibility

Supported host platforms	AS/400, UNIX, Windows NT, Novell NetWare,
Robotics control interfaces	SCSI-2 or serial

Management

Digital vision system	Unique digital vision camera system performs continuous calibration and reads bar codes
Operator panel	User-friendly configuration and diagnostic controls, status display and large viewing window (optional)
Automatic clean	Dedicated cleaning cartridge slot for tape drive cleaning by library or software command
Continuous automation calibration	No periodic maintenance or alignment required

Mechanical

Library	
Height	72.0 in (183.0 cm)
Depth	With no drives –
	30.3 in (77.0 cm)
	40.3 in (87.7 cm) with expansion door
	With TimberLine drives –
	54.0 in (137.0 cm)
	64.0 in (163.0 cm) with expansion door
Width	46.0 in (117.0 cm)
Weight	640.0 lb (290.0 kg)
	719.0 lb (326.0 kg) with expansion door

Environmental

Temperature	
Temperature (operating)	+59° to +90° F (+15° to +32° C)
Temperature (non-operating)	+50° to +104° F (+10° to +40° C)
Humidity	
Relative humidity (operating)	20%–80%
Relative humidity (non-operating):	10%–95%

Power

Voltage	90–264 VAC @ 47–63 Hz single phase (auto-ranging)
Library (operating maximum continuous – not peak)	1.67 A @ 120 V, 0.83 A @ 240 V, 683 BTU/hr
Drives	Drive power consumption varies. Refer to individual drive specifications

Regulatory compliance

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 CE emissions standards
	AS/NZS 3548; 1995 (Australia, N.Z.)
	ICES-003 (Canada)
Immunity	European Union CE immunity standards, AS/NZS 4252.1:1994 Generic Immunity Standard