Spectra T950 Tape Library

Enterprise-class performance in a midrange library

Spectra® T950 midrange tape library presents unparalleled flexibility with minimal management effort. It enables scalability of storage capacity and performance to meet evolving needs. Users can easily manage their library, configurations, and partitions and monitor library, media, and drive health through remote or local access. Spectra T950 library features a future-proofed architecture that preserves and extends the life of your investment for decades to come..

Efficient Tape Management

- Streamline tape media handling, moving, and loading with TeraPack® magazines
- TeraPacks store ten LTO tapes, tripling capacity per square foot

Investment Protection

- Migrate your existing LTO tape drives and media to the T950, even from another vendor
- Upgrade the T950 to a TFinity® Plus tape library for increased capacity and performance

Built-In Encryption

- Integrates key management and AES 256-bit encryption as a standard feature
- Enhances backup security with encryption without altering backup policies
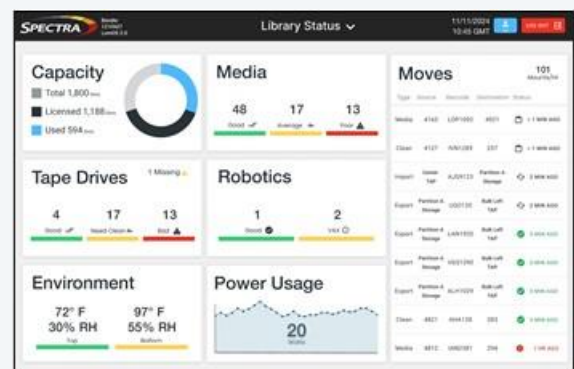
Integrates Into Your Environment

- Supports multiple applications, protocols, and operating systems to adapt to any environment
- Shares library resources across users and applications by partitioning into multiple libraries

Efficient Library Management

Spectra T950 libraries feature LumOS library management software, which provides an intuitive and feature-rich user experience.

LumOS software delivers:

- A fast, efficient, and intuitive user interface
- Streamlined system configuration, monitoring, and metrics
- Security updates with each release

LumOS Library Management Software

Spectra T950 Library Specifications

Capacity on Demand

Organizations can start with a minimal configuration and expand storage capacity as needed. This helps optimize initial investments and reduce upfront costs. Adding tape slots via software activation eliminates the need for expensive hardware changes or downtime, providing a seamless and dynamic solution to support rapidly growing volumes of data.

Preserve Your Storage Investment

The Spectra T950 library provides lifetime investment protection, enabling quick, seamless, and economical capacity and performance upgrades. Migration of existing tape drives and media from Spectra or other libraries is supported, ensuring maximum preservation of capital investments.

Data Integrity Assurance

When using Spectra Certified Media, exclusive Data Integrity Verification and Media Lifecycle Management features are enabled in LumOS library management software to reduce the risk of media failure or loss. All Spectra Certified Media is delivered ready for peak performance, continuously monitored for quality, and comes with a Lifetime Media Guarantee.

Reliability Features

Spectra T950 tape library ensures optimal efficiency and reliability with advanced lifecycle management features, rapid data integrity assessments, and exceptional Mean Cycles Between Failures (MCBF), offering a future-proofed investment for streamlined and secure data management.

Spectra T950 Specifications

T950 Config	Max. Media / Slots	Max. Native Capacity	Max. Compressed Capacity[1]	Max. Drives[2]	Max. Native Throughput (TB/hr.)	Max. SLS Partitions	Tape Drives Supported
Single Frame	920	27.6PB	69.0PB	24	34.6	16	LTO-10 LTO-9 LTO-8 LTO-7 LTO-6
8-Frames	10,020	300.6PB	751.5PB	120	172.8	16	

[1] Compression ratio for LTO is 2.5:1.
[2] Drive types are full height unless noted. Full-height (FH) LTO tape drives support Fibre Channel (also SAS for LTO-9).

Allowable & Recommended Environment

	Dry-Bulb Temperature	Maximum Temperature Rate of Change	Relative Humidity (non-condensing)	Maximum Humidity Rate of Change	Altitude (max)
Allowable	16°C to 32°C (60°F to 90°F)	5°C per hour 9°F per hour	20% to 80% 22°C dew point max	5% per hour with no condensation	3,048 m (10,000 ft)
Recommend	16°C to 25°C (60°F to 77°F)	5°C per hour 9°F per hour	20% to 50% 22°C dew point max	5% per hour with no condensation	3,048 m (10,000 ft)

About Spectra Logic Corporation

Spectra Logic modernizes IT infrastructures to preserve, protect and defend data, from days to decades, whether on-premises, in a single cloud, across multiple clouds or in all locations at once. Our cost-effective solutions help organizations efficiently manage, migrate and store long-term data, from terabytes to exabytes, with features that make it ransomware resilient.

www.spectralogic.com