

# Frequently Asked Questions

## StorageTek SL150 Modular Tape Library

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#### Overview

Oracle's StorageTek SL150 modular tape library is the first scalable tape library designed for small and midsize businesses. Built from a combination of Oracle software and StorageTek library technology, it delivers an industry-leading combination of ease of use and scalability. Ideal for backup and archival applications, the StorageTek SL150 modular tape library saves both time and money, setting the new standard for entry tape automation.

The StorageTek SL150 modular tape library emphasizes simplicity and reduces costs through common storage management tools, do-it-yourself installation and upgrades, and encryption capability. The market-leading scalability of the StorageTek SL150 offers an important cost-saving advantage. Competitive systems require you to transition among three separate and distinct products in order to grow from an entry to a midrange library. Oracle's innovation has yielded a library that can address the full breadth of scale from 30 to 450 slots with a single product.

#### Basic Specifications

- **Capacity:** The StorageTek SL150 scales from 30 to 450 LTO slots with a maximum capacity of more than 5.4 PB of uncompressed data (using StorageTek LTO8 tape drives)
- **Data transfer rate:** Using StorageTek LTO8 tape drives, you can use as many as 30 tape drives for a native throughput rate of more than 30.1 TB per hour.
- **Interface:** The StorageTek SL150 offers 8 Gb Fibre Channel and 6 Gb SAS connectivity.

#### Customer Benefits

##### Simple and Scalable Rackmounted Tape Automation

- **Improve reliability:** To help you maintain uninterrupted access to your data, the StorageTek SL150 modular tape library leverages technology and design from the award-winning StorageTek SL500 modular library system. Minimize risk with 24/7 availability.
- **Scale without decreasing reliability or performance:** The StorageTek SL150 modular tape library scales from 30 to 450 LTO slots—which is 15x its base module.
- **Simplify management and accelerate consolidation:** The StorageTek SL150's new operator panel and browser-based GUI offer a simple way to manage your library, whether in the data center or a remote location. Also, partitioning helps you save time, space, and energy by consolidating multiple libraries and applications into a single library.
- **Take advantage of a world-class services organization:** Oracle's storage industry veterans can help you pinpoint opportunities to reduce costs, mitigate business risk, and better leverage information assets.

## Frequently Asked Questions

For additional resources on Oracle's StorageTek SL150 modular tape library, please search *StorageTek SL150* at Oracle.com.

**Q:** How does the StorageTek SL150 modular tape library scale?

**A:** The StorageTek SL150 scales from 30 to 450 slots and from 1 to 30 tape drives. The base unit supports up to two half-height LTO5/6/7/8 tape drives and 30 slots. To expand beyond the base module, simply add an expansion module for an additional 30 slots and support for an additional two drives. Expansion modules do not need drives, if you need only capacity. Adding drives to the module increases your library performance. A fully expanded StorageTek SL150 has fourteen expansion modules under a base module.

**Q:** Does the StorageTek SL150 require Capacity on Demand licenses to use its slots?

**A:** No. The StorageTek SL150 is designed to be simple and scalable in small increments. Each expansion module offers an additional 30 slots, all of which are available and immediately usable at installation.

**Q:** What drive technology does the StorageTek SL150 support?

**A:** Currently LTO generations include LTO5, LTO6, LTO7, and LTO8 tape drives.

**Q:** What size racks or cabinets are required for StorageTek SL150?

**A:** StorageTek SL150 is designed to scale within a standard 19-inch rack.

**Q:** Can I move my drives from my current StorageTek tape library to the StorageTek SL150?

**A:** No. However, the pricing of the SL150 and its low-cost, half-height drives is often more attractive than buying additional full-height drives for an existing library.

**Q:** Can I mix drive generations in my StorageTek SL150?

**A:** Yes!

**Q:** What interfaces are supported in the StorageTek SL150, and can I mix interfaces?

**A:** The StorageTek SL150 supports FC and SAS interfaces of LTO5, LTO6, LTO7 and LTO8 tape drives. Because the library uses bridging (ADI interface) for library control, each drive can be connected to a host individually; and therefore SAS and FC can be mixed.

**Q:** Does the StorageTek SL150 support partitioning, and is there a charge for this feature?

**A:** Yes. The StorageTek SL150 supports up to eight native physical partitions. Partitions can be assigned via the remote interface. This feature comes with the library, and no activation files are necessary.

**Q:** Is the StorageTek SL150 compatible with Oracle's StorageTek Tape Analytics?

**A:** Yes, the SL150 is currently supported with StorageTek Tape Analytics software.

**Q:** Is the StorageTek SL150 customer installable?

**A:** Yes. The StorageTek SL150 is designed to be simple and easy to install, use, and service. The SL150 is a customer replaceable unit (CRU)-based library with only nine parts, eight of which are CRUs.

**Q:** Which components of StorageTek SL150 are customer replaceable units?

**A:** For information on StorageTek SL150 CRUs, visit: [http://docs.oracle.com/cd/E35103\\_07/index.html](http://docs.oracle.com/cd/E35103_07/index.html) to access the "StorageTek SL150 Modular Tape Library Customer Replaceable Unit Guide."

**Q:** What support is available for StorageTek SL150?

**A:** Oracle Premier Support for Systems provides complete and integrated system support to keep your Storage Tek SL150 modular tape library running at peak performance—all for one standard price. You get 24/7 access to Oracle systems specialists and on-site hardware service\* with rapid response, and online access to knowledge, proactive tools and communities. It also includes support, updates, and new releases for Oracle system software including embedded server and storage software/firmware. For more information on Oracle's Premier Support and related offerings, visit:

<http://www.oracle.com/us/support/systems/premier/index.html>

*\* Onsite service is not provided as a standard service for customer-replaceable components.*

**Q:** Where can I find more information about Oracle's hardware warranty for Oracle's StorageTek SL150 modular tape library?

**A:** For more information on Oracle's technical support policies and Oracle's hardware warranty, visit:





<http://www.oracle.com/us/support/policies/index.html>



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