

# Sun StorageTek™ SL48 Tape Library

High-density, highly automated  
entry-level tape storage solution



Satisfy your business storage requirements with the Sun StorageTek™ SL48 tape library. It can meet demanding data storage needs, including unattended backup, archiving, and disaster recovery, for small to medium-sized businesses, workgroups, or remote offices. And it can simplify your life because it is easy to install, manage, and use.

## Highlights

### Native capacity of 38.4 TB with a Sun StorageTek™ LTO 4 tape drive

- High density saves valuable rack space
- Tape drive choices provide investment protection for changing performance and capacity needs

### Broad interface support

- SCSI, SAS, and FC interfaces provide for flexible integration into your storage environment

### Ideal for replicated systems

- Automated data protection tasks save time that can be allocated to other business issues
- Remote administration allows an administrator to remotely control, configure, monitor, and troubleshoot the device

### Reliability

The StorageTek SL48 tape library is just the kind of highly reliable, quality product you've come to expect from Sun. Extensive testing enables the SL48 tape library to work seamlessly with a broad variety of servers, operating systems, and ISV packages.

### Simplicity

StorageTek SL48 tape libraries arrive rack-ready for installation in a standard 19-inch rack, or they can fit into a tabletop environment with the use of an optional kit. Each StorageTek SL48 tape library ships with one drive and includes four removable 12-slot magazines with three mail slots dedicated to import/export of data cartridges. Perfect for replicated systems, the StorageTek SL48 tape library includes web-based management features that reduce the burden on local IT resources and allow multiple sites to be supported centrally. An integrated bar code reader facilitates media management and removable magazines make it easy for you to load/unload data cartridges and arrange for bulk storage offsite.

### Value

With a native capacity of 38.4 terabytes when it is used with the StorageTek™ LTO 4 tape drive, the SL48 tape library can handle demanding backup and recovery jobs, and its 4 RU form factor saves valuable rack space. With a choice of StorageTek™ LTO tape drive types and interfaces, the device enables you to select capacity, performance, and price point to meet your business requirements; and the ability to add or swap drives allows you to adapt to changing data protection needs.

Choose Sun StorageTek LTO Ultrium media to accompany your tape purchase. All of our media is thoroughly tested for inter-compatibility between applicable drives and StorageTek libraries.

Sun offers a complete range of products, solutions, and services to enable you to store your business information securely and manage it intelligently, so it is quickly accessible to those who need it. Sun delivers open, end-to-end solutions to help you unlock your data's potential and grow your business. And we help you accelerate efficiency and cost reduction by managing information intelligently, applying automation wherever possible, and effectively utilizing assets.

### Protect your investment with Sun services

Sun's world-class service and customer care help to protect your investment and improve responsiveness to change. We can help you pinpoint opportunities to reduce costs, mitigate business risk, and better leverage information assets with these recommended services:

#### Sun<sup>SM</sup> System Packs

The StorageTek SL48 tape library is available as part of a Sun<sup>SM</sup> System Pack, which combines the product with support services in one optimized offering. Sun System Packs for storage go beyond the traditional warranty and include 24-hour technical support by phone, extended onsite coverage hours, Sun Vendor Integration Platform (SunVIP<sup>SM</sup>) cross-vendor/platform interoperability problem management, and access to online learning resources to help you accelerate performance from day one. You receive the flexible storage you want and the services you need at a price that's less than purchasing the hardware and services separately—and in some cases less than the storage product warranty. Learn more at [. . .](#)

#### Professional installation

Ask your Sun representative for pricing details. Sun can also provide implementation services to enable efficient integration with existing applications and hardware.

## Sun StorageTek SL48 Tape Library Specifications

	LTO 3 – half-height	LTO 3 – full height	LTO 4 – half height	LTO 4 – full height
Number of drives*	One to four	One or two	One to four	One or two
Drive throughput	60 MB/s	80 MB/s	80 MB/s	120 MB/s
Maximum performance (native)	216 GB/hr (one drive) 864 GB/hr (four drives)	288 GB/hr (one drive) 432 GB/hr (two drives)	288 GB/hr (one drive)	432 GB/hr (one drive) 864 GB/hr (two drives)
Number of cartridges	48	48	48	48
Native capacity	19.2 TB	19.2 TB	38.4 TB	38.4 TB
Interface	Ultra 320 SCSI LVD 3 Gb SAS	Ultra 320 SCSI LVD 4 Gb/sec native FC	Ultra 320 SCSI LVD 3 Gb SAS	Ultra 320 SCSI LVD 4 Gb/sec native FC

### Availability

Mean exchanges/swaps between failure (MEBF/MSBF)	2 million robot load/unload cycles
Mean time between failure (MTBF)	100,000 hours
Mean time to repair (MTTR)	<30 min
Nondisruptive serviceability	Hot-swappable drives; Ethernet and serial ports for diagnostics and reporting; redundant hot-swappable power supplies with redundant fans

### Compatibility

Supported host platform	Solaris,™ UNIX,® Linux, Windows
Software	Refer to the Sun StorageTek Interop Tool: extranet.storetek.com/interop/interop https://extranet.storetek.com/interop/interop

### Dimensions

Out of the box	H: 174 mm (6.9 in.)
	W: 445 mm (17.5 in.)
	D: 776 mm (30.6 in.)
Shipping	H: 344 mm (13.5 in.)
	W: 596 mm (23.4 in.)
	D: 994 mm (39.1 in.)

### Weight

Out of the box	25.6 kg (56.9 lb.)
Shipping	31.2 kg (68.5 lb.)

### Environmental

Temperature	
Operating	5°C to 35°C (41°F to 95°F), 20% to 80% relative humidity, noncondensing
Nonoperating	-30°C to 60°C (-22°F to +140°F), 10% to 95% relative humidity, noncondensing

### Altitude

Operating	3048m (10,000 ft.)
Nonoperating	10,675m (35,000 ft.)

### Power

	312W (max.)
--	-------------

### Input requirements

	100 to 240 V AC, 50 to 60 Hz, 2.0 Amp
--	---------------------------------------

### Regulatory compliance

Electromagnetic compatibility	FCC (47 CFR 15, Subpart B) Class A; CE (EN55022 Class A, EN55024, EN61000-3-2, EN61000-3-3); VCCI (CISPR 22) Class A; Canada (ICES-003) Class A; Australia / New Zealand (AS/NZS CISPR22); Taiwan BSMI (CNS13438 Class A and CNS14336)
Safety	UL 60950-1; CAN/CSA 22.2 No. 60950-1; EN60950-1

\* Various drive types can be mixed; maximum of four half-height, two full-height, or two half-height/one full-height.

### Learn More

As a first step, we'd like to learn more about your needs so we can propose the tape automation product that fits your requirements. To learn more about Sun—or the StorageTek SL48 tape library—contact your Sun representative or visit [sun.com/storagetek](http://sun.com/storagetek).