

Sun StorageTek™ SL24 Tape Autoloader

High-density, entry-level tape automation



The Sun StorageTek™ SL24 tape autoloader provides high-capacity automated backup and recovery in a space-efficient, highly manageable product.

Highlights

Native capacity up to 19.2 TB with an LTO 4 tape drive

- Tape drive choices provide investment protection for changing performance and capacity needs

Broad interface support

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

Ideal for replicated systems

- Remote administration allows an administrator to remotely control, configure, monitor, and troubleshoot the device

Reliability

The Sun StorageTek™ SL24 tape autoloader is the type of reliable, high-quality storage product you expect from Sun. Extensive testing ensures that the StorageTek SL24 system works with a broad variety of servers, operating systems, and ISV packages.

Simplicity

Back up data at the point of need: StorageTek SL24 autoloaders arrive rack-ready for installation into a standard 19-inch rack, or they can be fitted into a tabletop environment with the use of an optional kit. Each StorageTek SL24 autoloader ships with one drive and includes two removable 12-slot magazines with one mail slot dedicated to import/export of data cartridges. Its modular design and removable magazines make it easy for you to load/unload data cartridges and upgrade drives. An integrated bar code reader facilitates media management and web-based management reduce dependencies on local IT resources, allowing multiple sites to be supported centrally.

Value

With a native capacity of up to 19.2 terabytes with an LTO 4 tape drive in a 2RU form factor, the StorageTek SL24 tape autoloader saves valuable rack space. With a variety of drive types and interfaces, the system allows you to choose the capacity, performance, and price point to fit your needs and environment. Plus, you can choose SCSI for direct attach or native Fibre Channel for integration into a SAN.

Sun's complete range of products, solutions, and services enable you to store your business information securely and manage it intelligently, so it's 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. We help you accelerate efficiency and cost reduction by managing information intelligently, applying automation wherever possible, and effectively utilizing assets.

Engage the storage experts

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.

SunSM System Packs — The StorageTek SL24 tape autoloader is available as a SunSM 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 on-site coverage hours, Sun Vendor Integration Platform (SunVIPSM) cross-vendor/platform interoperability problem management, and access to online learning resources to help you accelerate performance from day one. Learn more at sun.com/service/systempacks/ratecard_sl24.html.

StorageTek SL24 Tape Autoloader Specifications

	LTO 2 – half height	LTO 3 – half height*	LTO 3 – full height	LTO 4 – full height*
Number of drives	One or two	One or two	One	One
Drive throughput	24 MB/s	60 MB/s	80 MB/s	120 MB/s
Maximum performance (native)	86.4 GB/hr (one drive) 172.8 GB/hr (two drives)	216 GB/hr (one drive) 432 GB/hr (two drives)	288 GB/hr	432 GB/hr
Number of cartridges	24	24	24	24
Native capacity	4.8 TB	9.6 TB	9.6 TB	19.2 TB
Interface	Ultra 160 SCSI LVD	Ultra 320 SCSI LVD	Ultra 320 SCSI LVD 4-Gb/s native FC	Ultra 320 SCSI LVD 4-Gb/s 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

Compatibility

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

Dimensions

Out of the box	H: 8.65 cm (3.4 in.)
	W: 44.5 cm (17.5 in.)
	D: 77.9 cm (30.66 in.)
Shipping	H: 24.9 cm (9.8 in.)
	W: 57.9 cm (22.8 in.)
	D: 99.1 cm (39.0 in.)

Weight

Out of the box	15.6 kg (34.3 lb)
Shipping	26.1 kg (57.5 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	3048 m (10,000 ft)
Nonoperating	10,675 m (35,000 ft)

Power

Power	168 W (max)
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Input requirements

Input requirements	100 to 240 VAC, 50 to 60 Hz, 1.3 to 0.7 Amp
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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

*Check with your Sun sales representative or authorized reseller for availability.

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 SL24 tape autoloader — contact your Sun representative or visit sun.com/storagetek.