

StorageTek™ C4 Tape Library

Data Continuance, Application Availability,
Disaster Recovery



StorageTek™ C4 Tape Library

Highlights

- **Flexible capacity and performance**

Select the DAT, LTO, or SDLT tape drive capacity and throughput to fit your requirements. Choose from 36 to 400 gigabytes native capacity per tape cartridge and 3 to 80 megabytes-per-second native transfer rate.

- **Easy integration**

Gain integration flexibility for entry-level and midrange servers and workstations. Configure your data protection solution in desktop and rack mount configurations. The DAT 72 can also be installed internally in selected Sun servers.

- **Less costly alternative**

Reduce your business risk by backing up critical data at an affordable price.

- **WORM-capable**

Support compliance requirements with write-once, read-many (WORM) capability that is available with LTO 3 and SDLT 600 tape drives.

- **Investment protection**

Protect your investments with backward read/write compatibility, depending on the drive you select.



A reliable data storage solution for the midrange market, the Sun StorageTek™ C4 tape library offers one of the highest rack densities in its class with low-cost-per-gigabyte storage. This scalable library can enhance your company's ability to respond to business disruptions, provide continued access to critical information, rapidly recover from a disaster, and quickly return to profitability. C4 is dependability and management made easy.

Easy integration and scalability

No matter how large or small your data center may be, the modular design of the C4 library helps make your upgrades and backups easy and reliable, giving you better access to your data when you need it. Simplify your storage with the affordable and adept StorageTek C4 tape library solution.

Easy drive support with mixed media

Media and drives for Linear Tape Open (LTO) Ultrium 2 and 3 and Super DLT (SDLT) can be shared throughout the C4, helping you optimize existing and future tape storage investments.

Easy customer value

An attractive initial purchase price is just the beginning when it comes to the value of the C4. The C4 offers enterprise-class features you would expect in much more expensive solutions — including mixed-media support, hot-swappable drives and power supplies,

flexible capacity and performance, and remote management — at no additional cost. With its virtually unsurpassed density in a rack mount solution, the C4 conserves your valuable floor space, too. Plus, it protects your storage investments as your needs change, thanks to a common technology architecture.

Easy service and support

The C4 comes with a one-year, next-business-day, onsite warranty. The warranty can be extended for long-term security and peace of mind at a relatively affordable price. SunSpectrum Gold™ service contract upgrades are also available. Professional installation and integration services can also be purchased through Sun to ensure maximum uptime. Please contact your Sun representative for availability in your region.

StorageTek C4 Tape Library Specifications

Performance

Maximum native throughput	LTO 2 – 216 GB/hr LTO 3 – 576 GB/hr SDLT 600 – 252 GB/hr
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Capacity

Maximum native capacity	LTO 2 – 7.6 TB LTO 3 – 15.2 TB SDLT 600 – 9.6 TB
Number of drives	1-2
Cartridge count	LTO 2 – 38 LTO 3 – 38 SDLT 600 – 32

Availability

MTBF	250,000 power-on hrs
MSBF	Load/unload cycle 2 million swaps
MTRR	< 30 min

Compatibility

Sun platform support	Sun Blade™ 1000, 1500, 2000, 2500 workstations Sun Enterprise™ 250, 450 servers Sun Fire™ V210, V240, V250, V440, V480, V490, V880, V880z, V890, V1280, V4800, V6800, X800, X900, 12K, 15K, 20K, 25K servers Sun Fire™ V20z, V40z, V60x, V65x servers Sun Fire™ X4100, X4200 Netra™ 20, T1120/1125, 1280, and 1400/1405 servers Sun Java™ workstation W1100z/W2100z
Software	Sun StorEdge Enterprise Backup Software (EBS) 7.2 and later* Symantec NetBackup 5.1 MP3 and later* Symantec BackupExec 10.x and later* Bakbone NetVault 7.1.x and later*
Operating systems	Solaris™ OS 8, 9, 10 Red Hat Linux Windows 2000/2003 SUSE Linux
Host interfaces	LTO 2 – Ultra160 SCSI (LVD) LTO 3 – Ultra320 SCSI (LVD) SDLT 600 – Ultra160 SCSI (LVD)
Drive types	LTO 2, LTO 3, SDLT 600 LVD SCSI and bridge card upgrade for Fibre Channel
Fibre Channel card	2 GB SCSI-to-Fibre Channel Bridge (CPCI) includes FCP-2 Error Recovery for seamless SAN connectivity

*Backup software support varies by operating system; see sun.com for latest software version.

Management

Integrated Web-based management products	standard
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Mechanical (single module, 2 tape drives)

Height	6.75 in (17.1 cm)
Width	19 in (48.2 cm)
Depth	31 in (78.7 cm)
Weight	87 lb (39 kg)
Rack space required	4u

Environmental

Temperature	
Operating	+50°F to +95°F (+10° C to +35° C)
Non-operating	-40°F to +149°F (40° C to +65° C)
Humidity	
Operating	20% to 80% non-condensing
Non-operating	10% to 90% non-condensing

Power

Input voltage	90–264 VAC
Frequency	47–63 Hz
Consumption	900W fully populated, average
Heat dissipation	3070 BTU/hr fully populated average
Power cable	US NEMA 5-15 P male

Regulatory compliance

Safety U.S.	(UL 1950), Canada (CSA 950), Europe (EN60950) EMI/RFI FCC CFR 47-15j (level A), EN55022 (CISPR 22) level A, EN55024 (CISPR 24), VCCI
Agency markings	CE, VCCI, UL, FCC, CSA

Learn More

To learn more about the StorageTek C4 tape library, talk to your Sun representative or visit www.sun.com/storagetek.