

# Sun StorEdge™ C4 Tape Library

Data continuance, application availability,  
and disaster recovery.



## Features and Benefits

### Delivers More Value for Your Money

The C4 tape library is priced to win in the highly competitive midrange market. Get enterprise-class features at an affordable price.

### Industry-Leading Density and Performance

Achieve up to 15.2 TB of native capacity and 576 GB/hr of native performance in single C4 tape library.

### Easy Scalability

Pain-free internal scalability helps eliminate downtime and enables you to scale on demand with no additional external hardware or cabling requirements.

### Independent Modules

Each C4 unit has its own internal robotics and power system, which continue to operate even if another module is down.

### Enterprise-Class Reliability and Availability

Hot-swappable tape drives and redundant optional power supplies help eliminate disruption to your operations and prevent library failures.

### Simple Administration

With integrated management, bulk magazines, intuitive front panels, and lowered time to repair, your administration of the libraries is simpler and less costly.

### Fibre Channel Connectivity

The SCSI-to-fibre bridge with FCP-2 error recovery provides connectivity to your storage area network (SAN), allowing you to overcome the limitations of the traditional server-attached storage model.

### Mixed Media and Drive Support

LTO Ultrium and SDLT media and drives can be shared and mixed throughout the C4, ensuring optimal utilization of your existing and future tape storage investments.

### Multiple OS Support

The C4 supports heterogeneous platforms, including Solaris, Solaris x64, Windows, and/or LINUX.



### Flawless Dependability and Management: Made EASY

Sun provides reliable data storage solutions that deliver comprehensive availability, access and protection for your business-critical data. Available with some of the leading tape drive technologies, the Sun StorEdge™ C4 tape library offers some of the highest rack densities in its class and some of the lowest cost-per-gigabyte of storage. This highly 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.

### Easy Integration and Scalability

No matter how large or small your data center may be, the modular design of this library allows for easy upgrades, reliable tape backup, and highly available data protection. Our leadership in data protection and storage is demonstrated by the reliability, availability, and serviceability (RAS) of our entire data continuance solutions portfolio (featuring easy, non-disruptive, end-to-end infrastructure integration). Simplify your storage with the affordable and adept Sun StorEdge C4 tape library solution.

### 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 rackmount 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, on-site 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 Sun for availability in your region.

## PERFORMANCE SPECIFICATIONS

### 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	38 LTO 2 38 LTO 3 32 SDLT 600

### Performance and Reliability

Maximum Native Throughput	LTO 2: 216 GB/hr LTO 3: 576 GB/hr SDLT 600: 252 GB/hr
MTBF	250,000 power-on hrs
MSBF Load/Unload Cycle	2 million swaps
MTTR	Less than 30 min
Inventory Time	Less than 35 sec
Stacked Module Transport Time	Less than 3 sec

## 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*

\*Backup software support varies by OS; see sun.com for latest software version

### Operating Systems

Solaris™	OS 8, 9, 10
Red Hat Linux	
Windows	2000/2003
SuSE Linux	

### Host Interfaces

LTO 2 Ultrium	Ultra3 SCSI (LVD)
LTO 3 Ultrium	Ultra320 SCSI (LVD)
SDLT 600	Ultra160 SCSI (LVD)

### Drive Types

Drive Types	LTO 2, LTO 3, SDLT 600
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### Fibre Channel Card

	2 GB SCSI-to-Fibre Bridge (CPCI) Includes FCP-2 Error Recovery for seamless SAN connectivity.
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Purchase these products from the Sun™ Store, sun.com/store, or contact an authorized Sun reseller near you. For additional information on these products, go to [www.sun.com/storage/tape](http://www.sun.com/storage/tape).

## OPERATIONAL SPECIFICATIONS

### Dimensions and Weight

	Single module, 2 tape drives:
Height	6.75 in. (171 mm)
Width	19 in. (482 mm)
Depth	31 in. (762 mm)
Weight	87 lbs. (39 kg)
Rackspace Required	4U

### Power

Input Voltage	90 to 264 VAC
Frequency	47 to 63 Hz
Consumption	900W fully populated, average
Heat Dissipation	3070 BTU/hr fully populated average
Power Cable	US NEMA 5-15 P male

### Operating Environment

Temperature	Operating: +10 degrees C to +35 degrees C Non-operating: -40 degrees C to + 65 degrees C
Humidity	Operating: 20% to 80% Non-condensing Non-operating: 10% to 90% Non-condensing
Altitude	Operating: -500 to 10,000 ft. (153 m to 3,048 m) Non-operating: -500 to 40,000 ft. (-153 m to 12,192 m)

### Regulatory Compliance Meets or exceeds the following requirements:

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

### Management

Integrated Products	Integrated Web-based Management is standard on all
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#### Sun Worldwide Sales Offices:

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