Sun StorEdge™ L700 Tape Library

The large-capacity, fast-access tape backup and restore solution for data centers.

Flexible performance
Adaptive media technology supports up to 135.6 TB/hr, with storage up to 74.5 TB.

Efficient management
Powerful software solutions such as ACSLS or Library Manager provide for library control and management.

Simplified, centralized administration
Intelligent software monitors and collects library statistics. Streamlined management optimizes space, increases availability, and boosts e-business performance.

Round-the-clock operation
Tape drives, fans, and power supplies are hot-swapped (replaced without shutting down the system). Uninterruptible and Redundant Power Supplies are also available. No routine maintenance is ever required.

Localized network components
Integrated standard 19-inch rack space to mount auxiliary systems: router, hub, switch, UPS, etc.

Designed for quick restores and backup in data center environments, the Sun StorEdge™ L700 tape library is a heavy-duty tape library for mission-critical enterprise applications. The Sun StorEdge L700 tape library enables customers to back up databases as large as 8.64 TB—overnight. It supports between 1 and 20 tape drives and 678 cartridges, delivers superior performance of up to 135.6 TB/hour, and offers outstanding native capacity of up to 135.6 TB. Combine all that with Sun Enterprise™ servers, and VERITAS NetBackup software or Solstice Backup™ software, and you have a complete backup, restore, and archiving solution with superior performance and reliability.

Sun StorEdge™ L700 Tape Library

Specifications

Purchase this product from the Sun℠ Store, **sun.com/store,** or contact an authorized Sun reseller near you.

Capacity and Performance

Drives	9940B	SDLT 320	LTO	DLT8000	9840B	9840
Library capacity (native, with 678 tapes)	135.6 TB	110.4 TB	135.6 TB	27.1 TB	13.8 TB	13.56 TB
Cartridge capacity (native)	200 GB	160 GB	100 GB	40 GB	20 GB	20 GB
Sustained transfer rate (native, concurrent operation of all drives)	360 MB/sec	320 MB/sec	300 MB/sec	120 MB/sec	228 MB/sec	120 MB/sec
Maximum number of drives	12	20	20	20	12	12
Tape load time (to BOT)	12 seconds	10 seconds	12 seconds	4 seconds	4 seconds	4 seconds
Average file access time	70 seconds	76 seconds	76 seconds	60 seconds	11 seconds	11 seconds

Robotics and Library

Average cartridge swap time	7 seconds
Robotics MSBF	One million load/unload cycles
Robotics MTBF	70,000 power-on hours
MEBF	Two million exchanges
Hot-plug drives	Yes
Redundant power	Yes (for robotics only, via second drive column)
Startup/boot time	3 to 4 minutes (average)
Burst rate (each drive)	40 MB/sec
Inventory time	Less than 6 minutes (fully loaded, with bar codes)
Robotics	v1.0

Interfaces

Ultra differential	Fast/Wide SCSI-2
SCSI	Wide, high-voltage differential
LVD	Low-voltage differential
Native 2 Gbit Fibre Channel	LC connection
Control panel	Low-voltage differential

Software

Operating system	Solaris™ Operating Environment v2.6, 7, 8 and 9
Software compatibility	Sun StorEdge™ Utilization Suite software
	VERITAS NetBackup software v3.2 or later
	VERITAS Storage Migrator software v3.2 or later
	Solstice Backup™ software v5.5.1 or later

Hardware

Hardware compatibility	Sun Enterprise™ 250, 450, 3x00, 4x00, 5x00, 6x00, and 10000 servers
	Sun Fire™ V880, 3800, 4800, 4810, 6800, and 15K servers

Environment

Operating	15°C to 32°C (59°F to 90°F) 20% to 80% relative humidity, noncondensing
Nonoperating	–20°C to 60°C (–4°F to 140°F) 5% to 95% relative humidity, noncondensing

Electrical

	Library enclosure	Single-drive column
Power cable US/Canada	100 VAC UL/CSA	120 VAC UL/CSA
Input voltage range	90 to 254 VAC	90 to 254 VAC
Nominal voltage (per power supply)	120 or 240 VAC	120 or 240 VAC
Power configuration US/Canada	Single-phase 100 VAC, 47 to 63 Hz	Single-phase 120 VAC, 47 to 63 Hz
Power consumption	210 W	972 W
Maximum heat output	716 BTU/hr	3314 BTU/hr

Regulations

Meets or exceeds the following requirements:	
Safety	UL 1950 listed, CSA C22.2-No. 950-M89, TUV-EN60950
Emissions	FCC Part 15B Class A, CE Mark, VCCI Class A

Dimensions and Weight

Height	183 cm (72 in.)
Width	156 cm (62 in.)
Depth	
With expansion door	110 cm (43.5 in.)
Without expansion door	95 cm (37.5 in.)
Weight	
Without drives or cartridges	427 kg (941 lb.)

Warranty

One year warranty	15-day parts exchange

For additional information on this product, go to *www.sun.com/storage/tape/l700*

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