

Sun StorEdge™ SDLT 220 and SDLT 320 Desktop Tape Drives



High-capacity, high-throughput standalone superdrives.

Simple migration path

The desktop tape drives are backward-read compatible with DLT tape IV media. You can leverage your investment in DLT media, because the new drives read data on older tapes.

Lower media and storage costs

The Sun StorEdge SDLT 220 tape drive has a native capacity of 110 GB with native throughput of 11 MB/sec. The Sun StorEdge SDLT 320 tape drive has even higher specifications, with a native capacity of 160 GB and a native throughput of 16 MB/sec. You can lower your media and storage costs by using fewer tapes.

Faster backup and restore

The high-performance transfer rates provide significantly faster backup and restore than DLT8000 drives.

Manage your data with significantly shorter backup windows for higher performance and increased productivity.

The Sun StorEdge™ SDLT 220 and SDLT 320 desktop tape drives are single-drive tape options for the backup of workstations, servers, and small databases. They deliver reliable protection, including backup and retrieval, of your valuable data. The higher capacity of these superdrives means that you need fewer cartridges, resulting in lower ongoing investment costs. With significantly higher capacity and speed than the DLT8000 drives, these tape drives can help you gain significant savings per GB of storage. The drives complement Sun's full portfolio of data continuance solutions. These solutions provide multiple levels of data and application protection, availability, and recoverability backed by comprehensive services and support.

Sun storage solutions—providing you with comprehensive hardware, software, and services to solve your business challenges enterprise-wide.



Sun StorEdge™ SDLT 220 and SDLT 320 Desktop Tape Drives

Specifications

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

Library and Robotics	SDLT 320	SDLT 220
Tape cartridge capacity (native)	160 GB	110 GB
Sustained transfer rate (native, narrow and wide)	16 MB/sec	11 MB/sec
Read/write tape speed	122 ips	116 ips
SCSI bus transfer rates (LVD Ultra2)		
Narrow, compressed, sustained	22 MB/sec	22 MB/sec
Narrow, burst maximum	40 MB/sec	40 MB/sec
Wide, compressed, sustained	22 MB/sec	22 MB/sec
Wide, burst maximum	80 MB/sec	80 MB/sec
Tape load time to BOT (typical)	12 sec	12 sec
Unformatted tape	40 sec	40 sec
Unload from BOT	12 sec	12 sec
Average access time (from BOT)	70 sec	70 sec
Maximum access time (from BOT)	142 sec	142 sec
Average rewind time	69 sec	69 sec
Maximum rewind time	140 sec	140 sec
Rewind tape speed	160 ips	160 ips
Linear search tape speed	160 ips	160 ips
Engineered drive life	7 years	7 years
Drive head life (tape motion hours)	30,000	30,000
MTBF (power-on hours)	250,000	250,000
Tape life (passes)	One million	One million

Software

Operating environment	Solaris™ Operating Environments 7, 8, and 9
Software compatibility	Solstice Backup™ software 6.1 or later VERITAS NetBackup software 3.4 or later

Hardware

Supported platforms	Sun Blade™ 1000 and 2000 workstations Sun Enterprise™ 220R, 250, 420R, 450 servers Sun Enterprise X500 servers Sun Fire™ 280R, 480R, V880, V1280, 4800, 4810, 6800 servers Netra™ t 1120/1125, 1400/1405 servers Sun Ultra™ 60 and 80 workstations
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Environment

Operating	10° C to 40° C (50° F to 104° F) 20% to 80% relative humidity, noncondensing
Nonoperating	-40° C to 66° C (-40° F to 150.8° F) 10% to 95% relative humidity, noncondensing

Environment (continued)

Operating air velocity	125 LFM average air velocity measured directly in front of the bezel
Electrical rating	100 to 240 VAC, 65 W (internal rating) maximum, 47–63 Hz
Communication interface	MSE (LVD or SE) bus 8-bit single-ended or differential

Regulations

Safety certifications	Meets UL 1950, CSA C22.2 No. 950, GS mark, and N60950/IEC 950 certifications
Electromagnetic emissions	<i>(Complies with FCC Class B limits.)</i>
Type	Regulation/Certification
EEC Directive 89/336 CE	BS6527 (UK), EN55022 (EU) EN55024 (EU)
CFR 47, 1995	FCC Rules Part 15B Class B (MDOC)
IECS-003	Canada
V-3/97.04	VCCI Class B (Japan)
AS/NZS 3548	Australia/New Zealand (C-Tick Mark)
CNS 13438	BSMI Class B (Taiwan)

Conducted emissions <i>(Limits for Class B equipment are in the frequency range 0.15 to 30 MHz.)</i>		
Frequency Range	Quasi-peak limits	Average limits
0.15 to 0.050 MHz	66 dB to 56 dB*	56 to 46 dB
0.50 to 5 MHz	56 dB	46 dB
5 to 30 MHz	60 dB	50 dB

*Limit decreases linearly with the logarithm of the frequency.

Radiated emissions <i>(Limits of radiated interference field strength, in the frequency range 30 MHz to 1000 MHz at a test distance of 10 m, for Class B equipment.)</i>			
Frequency Range	Quasi-peak limits (uV/m)		Class B
	Class A	Class B	
30 to 230 MHz	40 dB	30 dB	
230 to 1000 MHz	46 dB	37 dB	
Above 1000 MHz	54 dB		N/A

Dimensions and Weight

	SDLT 320	SDLT 220
Height	164.46 mm (6.48 in.)	160.02 mm (6.30 in.)
Width	174.75 mm (6.88 in.)	175.26 mm (6.90 in.)
Length	320.04 mm (12.60 in.)	325.12 mm (12.80 in.)
Weight	6.27 kg (13 lb., 13 oz.)	6.27 kg (13 lb., 13 oz.)
Shipping weight	9.90 kg (21 lb., 13 oz.)	9.90 kg (21 lb., 13 oz.)

Warranty

One year	One year, 15-day parts only
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For additional information on this product, go to www.sun.com/storage/tape/sdl220-320/

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