



SUN STORAGETEK[™]

COMPATIBILITY MATRIX

All Tape Libraries and Current Tape Drives

Legend										Tape Libraries																											
[1] = SL24 and SL48 drive counts vary, depending upon whether full or half-height drives are utilized	Availability	SL24	SL48	SL500	SL3000	SL8500	C2	C4	L700e	L1400	9740	L7	L8	L25	L20	L40	L80	L100	L180	L5500	9310	9730	9738	9710	9714	9360	4410										
[2] = 1,000 cartridges base, with maximum of 10,000 per library. Current scalability to 70,000 slots with 7 libraries connected via pass through port, additional scalability planned	Mixed Media	No	No	Yes	Yes	Yes	No	Yes [4]	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes									
[3] = 64 drives per library, maximum of 448 with 7 libraries connected via pass through ports, additional scalability planned	Min Cells	2	2	30	200	1000	8	32/36 [5]	216	200	326	7	8	21/25 [8]	10	20	40	84/100 [9]	74	1500	2000	18	18	252	40	500	2000										
[4] = Hard Partitioning is required for Mixed Media	Max Cells	24	48	575	5925	10,000 [2]	16	32/36 [5]	1344 [6]	1344 [6]	494 [7]	7	8	21/25 [8]	20	40	80	84/100 [9]	174	5500 [11]	6000 [13]	30	30	588	100	1500	6000										
[5] = 32 cells for SDLT and 36 for LTO	Max # Drives	1-2 [1]	2-4 [1]	18	56	64 [3]	1	2	24, 40 [6]	24, 40 [6]	10	1	1	2	2	4	8	4	6, 10 [10]	80 [12]	80 [14]	4	2	10	6	20	16										
[6] = up to 24 T9840 or T9940 drives or up to 40 DLT/SDLT or LTO drives	CAP Size	1	3	5-45	26-260 [16]	39, 78	0	0	20,,80	20,,80	14	0	0	0	1	2	5	0	10	80	21, 80	1	1	14	1	50	21, 80										
[7] = up to 6 frames can be interconnected with PTPs for a total of 2640 slots	No. of CAPS	1	1	1 to 5	1 to 10	1 or 2	0	0	1 to 4	1 to 4	1	0	0	0	1	1	1	0	1	4x20	4x20	1	1	1	1	1	3										
[8] = 21 slots for SDLT, 25 slots for LTO	Configuration	2U	4U	Rack	S	S	2U	4U	S	S	5	Desk	2U	4U	4U	10U	18U	13,5U	S	S	S	10U	10U	S	S	S	S										
[9] = 84 slots for SDLT, 100 slots for LTO	HA Options	No	No	No	Yes	Yes	No	No	Yes	Yes	No	No	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No										
[10] = up to 6 T9840 drives or up to 10 DLT/SDLT or LTO drives	NCS	No	No	No	Yes	Yes	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	Yes	Yes										
[11] = up to 24 frames can be connected together with PTP under ACSLS = 132,000 slots	Virtual Storage Manager	No	No	No	Yes	Yes	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	Yes	No	No	No	No	Yes	Yes										
[12] = up to 80 LTO/T9840/T9940 drives per silo and up to 960 per ACS	VTL Plus Emulation	No	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No										
[13] = up to 16 silos can be connected together with pass through ports under NCS control = 96,000 slots or up to 24 silos can be connected together under ACSLS (144,000 slots)	Framework Lib. Manager	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes										
[14] = up to 80 T9840, T9940 or T10K drives per silo or up to 16 9490 per silo	Library Attach (NT client)	No	No	No	Yes	Yes	No	No	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes										
[15] = T9840C (FC, ESCON, FICON - Serial ONLY)	Library Manager	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	No										
[16] = CAP size can increase to a maximum of 728 slots with 2 additional Access Expansion Modules (AEMs)	Library Admin	No	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	No										
[17] = KMS 2.0 encryption capability not supported	SLC	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	No										
Tape Technology										ACSL5																											
	Drive Mfg.	Host I/F	Encryption ***	WORM Capable	Available Status	Throughput in MB/s	Cart. Cap. in GB/s	Ave. Access Time	SL24	SL48	SL500	SL3000	SL8500	C2	C4	L700e	L1400	9740	L7	L8	L25	L20	L40	L80	L100	L180	L5500	9310	9730	9738	9710	9714	9360	4410			
T9840D	Sun StorageTek E9FC/FICON	Yes	Yes	Yes	Yes	30	75	16.5	No	No	No	Yes	Yes	No	No	Yes	Yes	No	No	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	No	No	No		
T9840C	Sun StorageTek E9FC/FICON	No	Yes	EOL*	Yes	30	40	16.5	No	No	No	Yes	Yes	No	No	Yes	Yes	[15]	No	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No		
T10000B	Sun StorageTek FC/FICON	Yes	Yes	Yes	Yes	120	1 TB	62	No	No	No	Yes	Yes	No	No	Yes	Yes	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	No	
T10000A	Sun StorageTek FC/FICON	Yes	Yes	EOL**	Yes	120	500	62	No	No	No	Yes	Yes	No	No	Yes	Yes	No	No	No	No	No	No	No	No	Yes	No	Yes	No	No	No	No	No	No	No	No	
LTO 3	HP	Ultra SCSI 320	No	Yes	Yes	80	400	71	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	
LTO 3 HH	HP	Ultra 320 SCSI	No	Yes	Yes	68	400	71	Yes	Yes	No	No	No	Yes	Yes	No	No	No	No	No	No	Yes	Yes	No	No	Yes	No	No	No	No	No	No	No	No	No	No	
LTO 3	HP	4 Gb FC	No	Yes	Yes	80	400	88	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	No	
LTO 3	IBM	Ultra 320 SCSI	No	Yes	Yes	80	400	52	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	No	No	No	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	No	No	No	
LTO 3	IBM	4 Gb FC	No	Yes	Yes	80	400	69	No	No	Yes	Yes	Yes	No	No	Yes	Yes	No	No	No	No	Yes	Yes	No	No	Yes	No	No	No	No	No	No	No	No	No	No	
LTO 4	HP	4 Gb FC	Yes	Yes	Yes	120	800	*	Yes [17]	Yes [17]	Yes	Yes	Yes	No	No	Yes [17]	Yes [17]	No	No	No	No	No	No	No	No	Yes [17]	No	No	No	No	No	No	No	No	No	No	
LTO 4 HH	HP	Ultra SCSI 320/SAS	Yes	Yes	Yes	80	800	64	Yes [17]	Yes [17]	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	
LTO 4	HP	Ultra SCSI 320	Yes	Yes	Yes	120	800	*	Yes [17]	Yes [17]	Yes	No	No	No	Yes [17]	Yes [17]	No	No	No	No	No	No	No	No	No	Yes [17]	No	No	No	No	No	No	No	No	No	No	
LTO 4	IBM	4 Gb FC	Yes	Yes	Yes	120	800	57	No	No	Yes	Yes	Yes	No	No	Yes [17]	Yes [17]	No	No	No	No	No	No	No	No	Yes [17]	No	No	No	No	No	No	No	No	No	No	No
LTO 4	IBM	Ultra SCSI 320	Yes	Yes	Yes	120	800	*	No	No	Yes	No	No	No	Yes [17]	Yes [17]	No	No	No	No	No	No	No	No	No	Yes [17]	No	No	No	No	No	No	No	No	No	No	
SDLT 600	Quantum	Ultra 2 SCSI	No	No	Yes	36	300	79	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No		
SDLT 600	Quantum	FC2	No	No	Yes	36	300	79	No	No	Yes	No	No	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No		

* EOL - used only
 ** EOL - last order March 2010 for FC 4 Gb
 *** Key Management System 2.0 interoperability limited to specific platforms; Check with your sales representative for more information

Legend: S in the upper portion = Standalone; FC in the lower portion = Fibre Channel; E in the lower portion = ESCON; EOL = End of Life
 Updated: October, 2009