



COMPATIBILITY MATRIX FOR TAPE LIBRARIES AND DRIVES

Legend							Tape Libraries																								
							[1] = up to 6 T9840 drives or up to 10 DLT/SDLT or LTO drives							Availability	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	EOL	EOL	EOL	EOL	EOL	EOL	
							[2] = up to 24 T9840 or T9940 drives or up to 40 DLT/SDLT or LTO drives							Mixed Media	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	
							[3] = up to 6 frames can be interconnected with PTP's for a total of 2640 slots							Min Slots	10	20	40	74	216	1500	1448	326	2000	18	18	252	40	500	2000		
							[4] = up to 16 frames can be connected together with pass through ports under NCS control = 96,000 slots or up to 24 frames can be connected together							Max Slots	20	40	80	174	1344	5500[6]	6500[15]	494[3]	6000[4]	30	30	588	100	1500	6000		
							[5] = up to 80 T9840 or T9940 drives per silo or up to 16 9490 per silo							Max # Drives	2	4	8	6,10[1]	24,40[2]	80[7]	64[13]	10	80[5]	4	2	10	6	20	16		
							[6] = up to 24 frames can be connected together with pass through ports							CAP Size	1	2	5	10	20,,80	8	39,78[16]	14	21,80	1	1	14	1	50	21,80		
							[7] = up to 80 LTO/T9840/T9940 drives per silo and up to 960 per ACS							No. of CAPs	1	1	1	1	1 to 4	4x20	1,2[16]	1	4x20	1	1	1	1	1	1	3	
							[8] = T9840A/B (SCSI, FC2 - Serial & SCSI Attach) 9840B (ESCON/FICON - Serial ONLY)							Configuration	4U	10U	18U	S	S	S	S	S	S	10U	10U	S	S	S	S	S	
							[9] = T9940A/B (SCSI, FC2, ESCON - Serial ONLY)							HA Options	No	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No	No	No
							[10] = N/A							NCS	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	Yes	Yes	
							[11] = 9940B (FC - Serial ONLY)							Virtual Storage Manager	No	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	Yes	Yes		
							[12] = T9840C (FC, ESCON, FICON - Serial ONLY (FICON 1Q04))							Framework Lib. Monitor	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	
							[13] = 64 drives per module at FRS, maximum of 2048 drives in future versions with pass-thru.							Library Attach (NT client)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
							[14] = 1,456 cartridges, maximum of 300,000 cartridges per subsystem							Library Mgr	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	
							[15] = Initial release allows up to 6500 cartridges, future enhancements will allow growth over 10,000 slots per library and also pass-thru to connect up to 32 libraries.							Library Admin	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No	No	No	
							[16] = Initial release has one 39 cartridge CAP, future enhancement will offer choice of 1 or 2 CAPs.							ACSL	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
[17] = Conversions only, contact factory for availability																															
Tape Technology							Drive Man.	Host I/F	Available Status	Throughput in MB/s	Cartridge Capacity in GBs	Average Access Time	L20	L40	L80	L180	L700/e	L5500	SL8500	9740	9310	9730	9738	9710	9714	9360	4410				
T9840A	Storage Tek	HVD/ FC	HVD/ FC	10	20	12	No	No	No	HVD/ FC	HVD/ FC	HVD/ FC	Yes[17]	[8]	HVD/ FC	No	HVD/ FC	HVD/ FC	No	HVD/ FC	No	HVD/ FC	No	HVD/ FC	No	HVD/ FC	No				
T9840B	Storage Tek	E/FC/ FICON	Yes / FICON	19	20	12	No	No	No	E/FC	E/FC	E/FC	Yes	[8]	E / FC Ficon	No	No	FC	No	No	No	No	No	No	No	No	No				
T9840C	Storage Tek	E/FC/ FICON	FC/E Ficon 1Q04	30	40	12	No	No	No	FC	FC	E/FC/ Ficon	Yes	[12]	E/FC/ Ficon	No	No	No	No	No	No	No	No	No	No	No	No				
T9940A	Storage Tek	HVD/ E / FC	Yes	10	60	59	No	No	No	No	HVD/ FC	HVD/ E / FC	No	[9]	HVD/ E / FC	No	No	No	No	No	No	No	No	No	HVD/ E / FC	No					
T9940B	Storage Tek	FC/VSM	Yes / Ficon 2Q04	30	200	59	No	No	No	FC	FC	FC	Yes	[11]	FC/ VSM	No	No	No	No	No	No	No	No	No	No	No	No				
LTO Gen1	HP	USCSI	Yes	15	100	96	No	No	No	LVD/ HVD	LVD / HVD	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen1	IBM	USCSI	Yes	15	100	98	LVD	LVD	LVD	LVD/ HVD	LVD/ HVD	LVD/ HVD	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen1	IBM	FC	Yes	15	100	98	No	No	No	1GbFC	1GbFC	1GbFC	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen1	Seagate	USCSI	Yes	16	100	86	LVD/ HVD	LVD/ HVD	LVD/ HVD	LVD/ HVD	LVD / HVD	LVD/ HVD	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen2	HP	SCSI160	Yes	30	200	71	LVD	LVD	LVD	LVD	LVD	LVD	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen2	IBM	SCSI160	Yes	35	200	56	LVD	LVD	LVD	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen2	Seagate	SCSI160	Q104	34	200	51	LVD Q1 04	LVD Q1 04	LVD Q1 04	LVD Q1 04	LVD Q1 04	TBD	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen2	HP	FC2	Yes	30	200	71	No	No	No	2GbFC	2GbFC	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No					
LTO Gen2	IBM	FC2	Yes	35	200	56	No	No	No	2GbFC	2GbFC	2GbFC	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No					
SDLT 320	Quantum	USCSI	Yes	16	160	82	LVD/ HVD	LVD/ HVD	LVD/ HVD	LVD/ HVD	LVD / HVD	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
SDLT 600	Quantum	SCSI	Q2 04	36	300	91	LVD	LVD	LVD	TBD	TBD	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
SDLT 600	Quantum	FC	Q2 04	36	300	91	No	No	No	2GbFC	2GbFC	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No	No					
EOL/EOS Drives							L20	L40	L80	L180	L700/e	L5500		9740	9310	9730	9738	9710	9714	9360	4410										
DLT1	Quantum	SCSI	EOL	3	40	125	EOL	EOL	EOL	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No					
DLT4000	Quantum	SCSI	EOL	2	20	110	No	No	No	No	No	No	No	No	EOL	No	EOL	No	EOL	No	EOL	No	EOL	No	No	No					
DLT7000	Quantum	SCSI	EOL	5	35	110	EOL	EOL	EOL	EOL	EOL	No	No	No	EOL	No	EOL	No	EOL	No	EOL	No	EOL	No	No	No					
DLT7000e	Quantum	SCSI	EOL Q3 03	5	35	125	EOL	EOL	EOL	EOL	EOL	No	No	No	EOL	No	EOL	No	EOL	No	EOL	No	EOL	No	No	No					
SDLT 220	Quantum	USCSI	EOL Q3 03	11	110	82	EOL	EOL	EOL	EOL	EOL	No	No	No	No	No	No	No	No	No	No	EOL	No	No	No	No					
DLT8000	Quantum	SCSI	EOL Q4 03	6	40	125	EOL	EOL	EOL	EOL	EOL	No	No	No	EOL	No	No	No	No	No	No	No	No	No	No	No					
4480	Storage Tek	Blk/BMS	EOL	3	40MB	8	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	EOL					
4490	Storage Tek	FIPS/E	EOL	4.5	800MB	8	No	No	No	No	No	No	No	No	No	No	No	No	EOL	No	No	No	No	No	No	EOL					
9490	Storage Tek	E/SCSI-2	EOL	18-20	4-8	4.3	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	No	EOL	EOL					
SD-3	Storage Tek	E/SCSI-2	EOS	11-18	10-50	17	No	No	No	No	No	No	No	No	No	No	No	No	EOL	No	No	No	No	No	EOL	EOL					

Legend: S in the upper portion = Standalone, FC in the lower portion = Fibre Channel, E in the lower portion = ESCON, EOL = End of Life, EOS = End of Service, LVD in the lower portion = low voltage differential SCSI, HVD in the lower portion = high voltage differential SCSI
Information updated: January 16, 2004.