

Library / Drive Cross Reference Matrix

Legend

- [1] = up to 6 T9840 drives or up to 10 DLT/SDLT or LTO drives
- [2] = up to 24 T9840 or T9940 drives or up to 40 DLT/SDLT or LTO drives
- [3] = up to 6 frames can be interconnected with PTP's for a total of 2640 slots
- [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
- [5] = up to 80 T9840 or T9940 drives per silo or up to 16 9490 per silo
- [6] = up to 24 frames can be connected together with pass through ports under ACSLS control = 132,000 slots
- [7] = up to 80 LTO/T9840/T9940 drives per silo and up to 960 per ACS
- [8] = T9840A/B (SCSI, FC2 - Serial & SCSI Attach)
9840B (ESCON/FICON - Serial ONLY)
- [9] = T9940A/B (SCSI, FC2, ESCON - Serial ONLY)
- [10] = N/A
- [11] = 9940B (FC - Serial ONLY)
- [12] = T9840C (FC, ESCON, FICON - Serial ONLY (FICON 1Q04))

Tape Libraries	L20	L40	L80	L180	L700/e	L5500	9740	9310	9730	9738	9710	9714	9360	4410
Availability	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	EOL	EOL	EOL	EOL	EOL	EOL
Mixed Media	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Min Slots	10	20	40	74	216	1500	326	2000	18	18	252	40	500	2000
Max Slots	20	40	80	174	1344	5500[6]	494[3]	6000[4]	30	30	588	100	1500	6000
Max # Drives	2	4	8	6,10[1]	24,40[2]	80[7]	10	80[5]	4	2	10	6	20	16
CAP Size	1	2	5	10	20,40,60,80	80	14	21,80	1	1	14	1	50	21,80
No. of CAPs	1	1	1	1	1 to 4	4x20	1	4x20	1	1	1	1	1	3
Configuration	4U	10U	18U	S	S	S	S	S	10U	10U	S	S	S	S
HA Options	No	Yes	Yes	Yes	Yes	Yes	No	Yes	No	No	No	No	No	No
NCS	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	Yes
Virtual Storage Manager	No	No	No	No	No	No	Yes	Yes	No	No	No	No	Yes	Yes
Framework Lib. Monitor	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes
Library Attach (NT client)	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Library Mgr	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes	Yes	No
Library Admin	Yes	Yes	Yes	Yes	Yes	No	No	No	No	No	No	No	No	No
ACSLS	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes

Tape Technology

	Drive Manufacturer	Host If	Availability Status	Throughput in MB/s	Cartridge Capacity in GBs	Average Access Time	L20	L40	L80	L180	L700/e	L5500	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	[8]	HVD/ FC	No	HVD/ FC	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	[8]	E / FC Ficon	No	No	FC	No	No	No
T9840C	Storage Tek	E/FC/ FICON	FC/E Ficon 1Q04	30	40	12	No	No	No	FC	FC	E/FC/ Ficon	[12]	E/FC/ Ficon	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	[9]	HVD/ E / FC	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	[11]	FC/ VSM	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
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
LTO Gen1	IBM	FC	Yes	15	100	98	No	No	No	1GbFC	1GbFC	1GbFC	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
LTO Gen2	HP	SCSI160	Yes	30	200	71	LVD	LVD	LVD	LVD	LVD	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
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
LTO Gen2	HP	FC2	Yes	30	200	71	No	No	No	2GbFC	2GbFC	No	No	No	No	No	No	No	No	No
LTO Gen2	IBM	FC2	Yes	35	200	56	No	No	No	2GbFC	2GbFC	2GbFC	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
SDLT 600	Quantum	SCSI	Q2 04	36	300	91	LVD	LVD	LVD	TBD	TBD	No	No	No	No	No	No	No	No	No
SDLT 600	Quantum	FC	Q2 04	36	300	91	No	No	No	2GbFC	2GbFC	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
DLT4000	Quantum	SCSI	EOL	2	20	110	No	No	No	No	No	No	EOL	No	EOL	No	EOL	EOL	No	No
DLT7000	Quantum	SCSI	EOL	5	35	110	EOL	EOL	EOL	EOL	EOL	No	EOL	No	EOL	No	EOL	EOL	No	No
DLT7000e	Quantum	SCSI	EOL Q3 03	5	35	125	EOL	EOL	EOL	EOL	EOL	No	EOL	No	EOL	No	EOL	EOL	No	No
SDLT 220	Quantum	USCSI	EOL Q3 03	11	110	82	EOL	EOL	EOL	EOL	EOL	No	No	No	No	No	EOL	No	No	No
DLT8000	Quantum	SCSI	EOL Q4 03	6	40	125	EOL	EOL	EOL	EOL	EOL	No	EOL	No	No	No	No	No	No	No
4480	Storage Tek	BIK/BMS	EOL	3	40MB	8	No	No	No	No	No	No	No	EOL	No	No	No	No	No	EOL
4490	Storage Tek	FIPS/E	EOL	4.5	800MB	8	No	No	No	No	No	No	No	EOL	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	EOL	No	No	No	No	No	EOL
SD-3	Storage Tek	E/SCSI-2	EOL	11-18	10-50	17	No	No	No	No	No	No	No	EOL	No	No	No	No	No	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 in the lower portion = low voltage differential SCSI, HVD in the lower portion = high voltage differential SCSI

