



COMPATIBILITY MATRIX

TAPE

LIBRARIES AND DRIVES

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 PTPs for a total of 2640 slots
- [4] = 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 control (144,000 slots)
- [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] = T9940A/B (SCSI, FC2 - Serial & SCSI Attach) 9840B (ESCON/FICON - Serial ONLY)
- [9] = T9940A/B (SCSI, FC2, ESCON - Serial ONLY)
- [10] = N/A
- [11] = T9940B (FC, ESCON, FICON - Serial ONLY)
- [12] = T9840C (FC, ESCON, FICON - Serial ONLY)
- [13] = 64 drives per library, maximum of 2048 drives per system.
- [14] = 1,448 cartridges, maximum of 6500 per library at FRS. Future will grow to 10,000 per library. Future pass-thru capability will allow growth to over 300,000 slots/system.
- [15] = Initial release has 1 CAP. Future will have an optional 2nd CAP.
- [16] = Initial release has one 39 cart cap. Future will have optional 2nd CAP.
- [17] = SDLT Fibre support is a future capability.

Tape Technology

	Drive Man.	Host I/f	Available Status	Throughput in MB/s	Cartridge Capacity in GBs	Average Access Time	L20	L40	L80	L180	SL500	L700/e	L1400M	L5500	SL8500	9740	9310	9730	9738	9710	9714	9360	4410
T9840C	Storage Tek	E/FC/ FICON	Yes	30	40	12	No	No	No	Yes	No	Yes	Yes	Yes	Yes	[12]	Yes	No	No	No	No	No	No
T9940B	Storage Tek	E/FC/ FICON	Yes	30	200	59	No	No	No	Yes	No	Yes	Yes	Yes	Yes	[11]	Yes	No	No	No	No	No	No
LTO Gen1	HP	USCSI	Yes	15	100	96	No	No	No	LVD/ HVD	No	LVD / HVD	LVD / HVD	No	No	No	No	No	No	No	No	No	No
LTO Gen1	IBM	USCSI	Yes	15	100	98	LVD	LVD	LVD	LVD/ HVD	No	LVD/ HVD	LVD/ HVD	LVD/ HVD	No	No	No	No	No	No	No	No	No
LTO Gen1	IBM	FC	Yes	15	100	98	No	No	No	1GbFC	No	1GbFC	1GbFC	1GbFC	No	No	No	No	No	No	No	No	No
LTO Gen1	Certance	USCSI	Yes	16	100	106	LVD/ HVD	LVD/ HVD	LVD/ HVD	LVD/ HVD	No	LVD / HVD	LVD / HVD	LVD/ HVD	No	No	No	No	No	No	No	No	No
LTO Gen2	HP	SCSI 160	Yes	30	200	71	LVD	LVD	LVD	LVD	Yes	LVD	LVD	No	No	No	No	No	No	No	No	No	No
LTO Gen2	IBM	SCSI 160	Yes	35	200	64	LVD	LVD	LVD	No	Yes	No	No	No	No	No	No	No	No	No	No	No	No
LTO Gen2	Certance	SCSI 160	Yes	34	200	98	LVD	LVD	LVD	LVD	TBD	LVD	LVD	TBD	No	No	No	No	No	No	No	No	No
LTO Gen2	HP	FC2	Yes	30	200	71	No	No	No	2GbFC	Yes	2GbFC	2GbFC	No	Yes	No	No	No	No	No	No	No	No
LTO Gen2	IBM	FC2	Yes	35	200	64	No	No	No	2GbFC	Yes	2GbFC	2GbFC	2GbFC	Yes	No	No	No	No	No	No	No	No
LTO Gen3	HP	SCSI 320	Q205	80	400	71	Q205	Q205	Q205	Q205	Q205	Q205	Q205	No	No	No	No	No	No	No	No	No	No
LTO Gen3	IBM	SCSI 160	Q205	80	400	69	Q205	Q205	Q205	No	Q205	No	No	No	No	No	No	No	No	No	No	No	No
LTO Gen3	Certance	SCSI 160	Q205	68	400	88	Q205	Q205	Q205	No	Q205	No	No	No	No	No	No	No	No	No	No	No	No
LTO Gen3	HP	FC2	Q205	80	400	71	No	No	No	Q205	Q205	Q205	Q205	No	Q205	No	No	No	No	No	No	No	No
LTO Gen3	IBM	FC2	Q205	80	400	69	No	No	No	Q205	Q205	Q205	Q205	Q205	Q205	No	No	No	No	No	No	No	No
SDLT 320	Quantum	USCSI	Yes	16	160	82	LVD/ HVD	LVD/ HVD	LVD/ HVD	LVD/ HVD	Q3 05	LVD / HVD	LVD / HVD	No	No	No	No	No	No	No	No	No	No
SDLT 600	Quantum	SCSI	Q2/3 '05	36	300	79	Q205	Q205	Q205	Q205	Q3 05	Q205	Q205	No	No	No	No	No	No	No	No	No	No
SDLT 600	Quantum	FC2	Q2/3 '05	36	300	79	No	No	No	Q205	Q3 05	Q205	Q205	No	Q205	No	No	No	No	No	No	No	No
EOL/EOS Drives							L20	L40	L80	L180	SL500	L700/e	L700/e	L5500	SL8500	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
DLT4000	Quantum	SCSI	EOL	2	20	110	No	No	No	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	No	EOL	EOL	No	No	EOL	No	EOL	No	EOL	EOL	No	No
DLT7000e	Quantum	SCSI	EOL	5	35	125	EOL	EOL	EOL	EOL	No	EOL	EOL	No	No	EOL	No	EOL	No	EOL	EOL	No	No
SDLT 220	Quantum	USCSI	EOL	11	110	82	EOL	EOL	EOL	EOL	No	EOL	EOL	No	No	No	No	No	No	EOL	No	No	No
DLT8000	Quantum	SCSI	EOL	6	40	125	EOL	EOL	EOL	EOL	No	EOL	EOL	No	No	EOL	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	EOL	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	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	No	No	No	EOL	No	No	No	No	EOL	EOL
SD-3	Storage Tek	E/SCSI-2	EOL	11-18	10-50	17	No	No	No	No	No	No	No	No	No	No	EOL	No	No	No	No	EOL	EOL
T9840A	Storage Tek	E/HVD/ FC	EOL	10	20	12	No	No	No	HVD/ FC	No	HVD/ FC	HVD/ FC	E/FC	E/FC Conversion & Only	[8]	Yes	No	HVD/ FC	HVD/ FC	No	HVD/ FC	No
T9840B	Storage Tek	E/FC/ FICON	EOL	19	20	12	No	No	No	E/FC	No	E/FC	E/FC	Yes	E/FC Conversion & Only	[8]	Yes	No	No	FC	No	No	No
T9940A	Storage Tek	HVD/ E/ FC	EOL	10	60	59	No	No	No	No	No	HVD/ FC	HVD/ FC	E/FC	No	[9]	Yes	No	No	No	No	HVD/E/FC	No

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, **LVD** = low voltage differential SCSI, **HVD** in the lower portion = high voltage differential SCSI
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