

IBM TS4500 Tape Library

IBM TS4500 Tape Library at a glance

Frame definition	L25—Base frame for TS1160, TS1155, TS1150, and TS1140 (3592) drives and cartridges—includes 32 input/output (I/O) slots
	D25—Drive-capable and storage expansion frame for TS1160, TS1155, TS1150 and TS1140 (3592) drives and cartridges
	S25—Storage-only expansion frame for 3592 cartridges
	L55—Base frame for LTO drives and cartridges—includes 36 I/O slots
	D55—Drive-capable and storage expansion frame for LTO drives and cartridges
	S55—Storage-only expansion frame for LTO cartridge
Tape drive types	TS1160, TS1155, TS1150, and TS1140 (3592), LTO Ultrium 8, 7, 6 and 5 tape drives
Number of frames per library	One base frame, up to 17 expansion frames with maximum of 7 Dx5 frames
Number of drives	Up to 16 per frame (up to 12 in frame 1)
	Up to 128 per library
Number of tape cartridges	L25—up to 660 (up to 550 in frame 1)
	D25—up to 740 (up to 590 in frame 1)
	S25—up to 1,000 (up to 798 in frame 1)
	Total supported per library: up to 17,550
	L55—up to 882 (up to 730 in frame 1)
	D55—up to 970 (up to 774 in frame 1)
	S55—up to 1,320 (up to 1,054 in frame 1)
	Total supported per library: up to 23,170
Capacity*	3592 advanced cartridges: up to 351 PB per library (1.05 EB with 3:1 compression)
	LTO Ultrium 8 cartridges: up to 278 PB per library (up to 695 PB with 2.5:1 compression)
Operating systems support	See the IBM System Storage Interoperation Center

* Capacity depends on drives installed, number and type of cartridges used, and compression ratio achieved. Listed capacity is physical. Usable capacity may be less.



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