

SAIT-1 vs. Others

	SAIT-1	SDLT 320	LTO Ultrium II	SDLT 600
Capacity and Performance				
Max Native Capacity	500GB	160GB	200GB	300GB
Max Compressed Capacity	1.3TB	320GB	400GB	600GB
Max Native Transfer Rate	30MB/s	16MB/s	35MB/s	36MB/s
Max Compressed Transfer Rate	78MB/s	32MB/s	70MB/s	72MB/s
Average File Access Time	45 sec	70 sec	49 sec	79 sec
Average Media Load Time	15 sec	12 sec	15 sec	12 sec
Technology				
Recording Format	Helical-Scan	Linear	Linear	Linear
Form Factor	5.25" FH	5.25" FH	5.25" FH	5.25" FH
Media Type	1/2-inch - AME	1/2" - AMP	1/2" - AMP	1/2" - AMP
Automatic Head Cleaner	Yes	No	No	No
Buffer Size	64MB	64MB	64MB	64MB
Auxiliary (Cartridge) Memory	Yes, 16 kByte R-MIC	No	Yes, 32 Kbit CM	No
Power Consumption	25 - 50 watts	27 watts	29 watts	35 watts
SCSI Interface	Ultra 160	Ultra2 Wide	Ultra 160	Ultra 160
Reliability*				
MTBF (Hours)	500,000	250,000	250,000	250,000
Duty Cycle	100%	100%	100%	100%
Head Life (Hours)	50,000	30,000	N/A	30,000
Media Uses (end-to-end passes)	30,000	17,850	5000 load/unload cycles	17,850
Media Archival Life	30 Years	30 years	30 years	30 years

All information shown above is based on published specifications.

N/A: Information not available.

*Reliability specifications are averages based on normal office environmental conditions. Actual experience may vary.