

AIT-5 vs. Others

	Quantum SDLT 600	Quantum LTO3	Sony AIT-5
Capacity and Performance			
Max Native Capacity	300 GB	400 GB	400 GB
Max Compressed Capacity	600 GB	800 GB	1,040 GB
Max Native Transfer Rate	36 MB/s	68 MB/s	24 MB/s
Average File Access Time	79 sec	68 sec	44 sec
Average Media Load Time	12 sec	30 sec	14 sec
Tape Speed (Inches per second)	105	232	1
Technology			
Recording Format	Linear	Linear	Helical-Scan
Form Factor	5.25" FH	5.25" FH	3.5" HH
Media Type	1/2" - eMP60™	1/2" - MP	8mm - AMEII
Automatic Head Cleaner	No	No	Yes
WORM Functionality	Yes	No	Yes
Buffer Size	64 MB	128 MB	96 MB
Auxiliary (Cartridge) Memory	No	Yes	Yes
Compression Technology	DLZ	DLZ	ALDC
Average Compression Ratio	2:1	2:1	2.6:1
Power Consumption	32 watts	42 watts	26 watts
Reliability*			
MTBF (Hours)	250,000	250,000	400,000
Duty Cycle	100%	100%	100%
Head Life (Hours)	50,000	N/A	50,000
Passes to Fill Tape	56	44	1
Media Uses	19,250	25,000	30,000
Media Archival Life	30 years	N/A	30 years
All information shown above is based on published specifications and is subject to change without notice. *Reliability specifications are averages based on normal office environmental conditions. Actual experience may vary.			