

AIT-1 vs. Others

	AIT-1	DDS-4	VXA-1	DAT72	DLT1
Capacity and Performance					
Max Native Capacity	35GB	20GB	33GB	36GB	40GB
Max Compressed Capacity	90GB	40GB	66GB	72GB	80GB
Max Native Transfer Rate	4MB/s	2.36MB/s	3MB/s	3MB/s	3MB/s
Max Compressed Transfer Rate	10MB/s	4.72MB/s	6MB/s	6MB/s	6MB/s
Average File Access Time	< 27 sec	< 55 sec	60-95 sec	50 sec	68 sec
Average Media Load Time	< 10 sec	< 24 sec	40 sec	N/A	59 sec
Technology					
Recording Format	Helical-Scan	Helical-Scan	Helical-Scan	Helical-Scan	Linear
Form Factor	3.5" HH	3.5" HH	5.25" HH	5.25" HH	5.25" HH
Media Type	8mm - AME	4mm - MP	8mm - AME	4mm DAT	1/2" - MP
Automatic Head Cleaner	Yes	Yes	No	Yes	No
Buffer Size	10MB	10MB	4 Mbits	16MB	2MB
Auxiliary (Cartridge) Memory	Yes, 64 Kbit MIC	No	No	No	No
Power Consumption	12 watts	8 watts	8.3 watts	7.1 watts	15 watts
Interface	IDE (ATAPI), Ultra Wide	Ultra Wide	Ultra Wide	Ultra Wide	Ultra Wide
Reliability*					
MTBF (Hours)	300,000	250,000	300,000	400,000	> 200,000
Duty Cycle	100%	40%	12%	12%	100%
Head Life (Hours)	50,000	20,000	30,000	N/A	> 30,000
Media Uses (end-to-end passes)	30,000	2,000	20,000	N/A	< 20,000
Media Archival Life	30 years	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.					