

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
<p>All information shown above is based on published specifications and is subject to change without notice. *WORM support on AIT-5 is expected to be available beginning Spring 2007. **Reliability specifications are averages based on normal office environmental conditions. Actual experience may vary.</p>			