



The Super DLTtape™ System

Reliability, scalability, compatibility and high performance have made the DLTtape™ platform the backup storage solution of choice for end user customers worldwide. Now Super DLTtape™ technology extends the standard again, building on past generations—protecting the customer investments today and into the future.



Reliability

A simple tape path, low power dissipation and modular design contribute to the long term reliability of the Super DLTtape System.

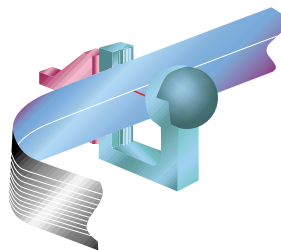
Scalability

A product roadmap that extends data storage capacity to over one terabyte and data transfer rates exceeding 100 MB/sec. native mode in future generations.

Compatibility

A proven record of customer investment protection, now providing backward read compatibility to the DLT 4000, DLT 7000 and DLT 8000 Series drives using DLTtape IV cartridge media.

DLTtape technology is the de facto industry standard, with over 1.5 million DLTtape drives installed and over 55 million DLTtape cartridges sold. Super DLTtape incorporates Laser Guided Magnetic Recording (LGMR), offering the best of proven magnetic and optical technologies today and into the future.



LASER GUIDED MAGNETIC RECORDING



Tape Drive Comparison

	Quantum SDLT 220	HP LTO	IBM LTO	Seagate LTO
From the DLTape family (the industry standard for backup)	Yes	No	No	No
Core technology to company	Yes	No	No	No
Industry community/large support structure (over 1.5 million DLTape drives in the hands of satisfied customers)	Yes	No	No	No
Simple, trouble-free tape path	Proven	Unproven	Unproven	Unproven
Scalability for future storage needs	Proven	Unproven	Unproven	Unproven
Backward read compatible to protect customer investments (over 55 million DLTape cartridges in use)	Yes	No	No	No
MTBF* (hours)	250,000	250,000	250,000	250,000
Native capacity	110 GB	100 GB	100 GB	100 GB
Compressed capacity	220 GB	200 GB	200 GB	200 GB
Native transfer rate	11 MB/s	15 MB/s	15 MB/s	15 MB/s
Memory accessible cartridge—wireless fast access to content	Yes	Yes	Yes	Yes
Wireless remote testing and diagnostics (GS Link)	Yes	No	No	No
Modular drive components for easier testing and assembly: Plug & Play	Yes	No	No	No
Uses reliable laser guided magnetic recording (LGMR)	Yes	No	No	No
Uses proven pivoting optical servo (POS) tracking for reliability and capacity	Yes	No	No	No
Preamplifier and advanced partial response maximum likelihood (PRML) channel technology for increased performance and capacity	Yes	No	No	No

Source: Based on manufacturers' data. * Super DLTape MTBF is at 100% duty cycle, unlike other manufacturers products.



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