

MAMMOTH-LT

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Exabyte's Mammoth-LT provides economical entry into Mammoth technology and the benefits of high-quality AME media.

Delivering 14-gigabytes of uncompressed capacity and 120-megabyte-per-minute throughput, Mammoth-LT offers twice the capacity and performance of the Eliant™ 820 for a modest increase in price. The fastest drive in its class, Mammoth-LT can back up 7.2 gigabytes in an hour (native). The standard form-factor tape drive is backward compatible with all Exabyte 8mm products. Available in internal and external models. Interface options include low-voltage differential (LVD) SCSI as well as single-ended narrow SCSI. The drive is rugged, reliable, and automation ready.

Mammoth-LT expands the Exabyte family of tape drives to allow smooth migration from Exabyte 8505XL and Eliant 820 drives to the high-performance Mammoth roadmap. Mammoth's advanced industrial design provides superior reliability, strong performance, and compelling value. Specially designed AME media is readable by higher-capacity Exabyte drives, protecting the user's investment.

Exabyte Mammoth-LT Tape Drive

- ▶ Industry-leading price/performance
- ▶ 14 GB native capacity on 125m AME tape
- ▶ 120-MB-per-minute data transfer rate
- ▶ Industry-standard 5.25" half-high form factor
- ▶ High reliability
- ▶ Available in autoloader configuration

FEATURE	BENEFIT
Fast data transfer rate	Built for performance, backing up 14 gigabytes native in < 2 hours
Exabyte 8mm backward compatibility	Compatible with an installed base of more than 1.5 million drives and libraries, protecting user investment in Exabyte products
Dynamic Head Cleaner™	Provides preventive maintenance by automatically cleaning the read/write heads at every load/unload cycle
TapeAlert™ compatible	Advanced device monitoring and diagnostics for preventive maintenance and error recovery
Partitioning	Allows for up to 64 partitions, enabling faster access to data
High and low density SCSI connectors	Easy integration to PCs, workstations and servers
Standard three-year, advance exchange warranty	Proven reliability

MAMMOTH-LT

The Exabyte Mammoth-LT tape drive is compatible with Exatape® 125m and 22m AME media.* Optimized for use in Exabyte tape drives, Exatape data-grade media encourages the best possible data protection and tape drive performance.



Exabyte tape drives and libraries are available as consumer-ready kitted products or as integration components. For automated data storage, the Mammoth-LT can be integrated into an Exabyte EZ17 Autoloader. Contact an Exabyte Sales representative at 1-800-774-7172 for more information.

*Note: AME media in lengths of 170m or longer is not compatible with the Mammoth-LT tape drive.

Exabyte Mammoth-LT Tape Drive Technical Specifications

Capacity

28 GB, compressed*
14 GB, uncompressed

Performance

Transfer rate, sustained:
4 MB per second, compressed*
2 MB per second, uncompressed
Transfer rate, burst:
7 MB per second, asynchronous
20 MB per second, synchronous
Search rate:
376 MB per second, compressed*
188 MB per second, uncompressed
Load to ready:
< 20 seconds

Interface

low-voltage differential (LVD) SCSI or single-ended narrow

Buffer size

4 MB

Data Integrity

BER < 1 in 10¹⁷

Reliability

MTBF > 250,000 hours
Read-after-write verification

Recording Method

8mm helical scan

Read and Write Formats

Read and write: Mammoth
Read only: Tapes written by Eliant 820, 8500 series and 8200 series

Environmental

Operating temperature:
5° C to 45° C (41° F to 113° F)
Nonoperating temperature:
-20° C to 60° C (-4° F to 140° F)
Relative humidity, noncondensing:
20% to 80%

Power:

+5 VDC, +12 VDC, 15 watts typical

Dimensions (HxWxD)

1.63 x 5.75 x 8 in.
4.14 x 14.61 x 20.32 cm

Weight

2.9 lbs./1.3 kg.

Media

Exatape® 22m and 125m Advanced Metal Evaporated (AME)

Drive Cleaner

Exabyte Mammoth Cleaning Cartridge
Use of other cleaning methods may void drive warranty.

Head Life

35,000 hours

Media Life

20,000 passes

Agency Certifications

UL, CSA, VDE, IEC, FCC, TUV, CISPR

Warranty

Three-year, advance exchange

Software Compatibility

For the most recent software compatibility information, please visit the **Products** section on the Exabyte web site.

www.exabyte.com

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* Compressed specifications assume a 2:1 compression ratio. Compression capacity and throughput will vary dependent upon type of data and system configuration. All specifications are subject to change without notice.