

MAMMOTH

APPLICATION INDEX			
HIGH-END	LOW-END	HIGH-END	LOW-END
FILE SERVERS	APPLICATION/DATABASE SERVERS	APPLICATION/DATABASE SERVERS	ENTERPRISE/DATA CENTER



Typical application: Large department networks with application servers; automated libraries.

The recognized leader for UNIX® backup is also the #1 choice for Windows NT™. Certified by Microsoft® to be NT compatible, Exabyte Mammoth features 40-gigabyte compressed capacity and an astounding 360-megabyte-per-minute compressed data transfer rate.

Consistently reliable, compatible and economical, Exabyte tape drives integrate easily into virtually any system architecture. Exabyte has shipped more 8mm tape drives than any other company and today the installed base of Exabyte tape drives and libraries exceeds 1.5 million units. The world's leading computer manufacturers and resellers acknowledge Exabyte as the premiere provider of tape storage technologies.

Exabyte Mammoth Tape Drive

- ▶ 20 GB native capacity on 170m AME Exatape
- ▶ 180-MB-per-minute native data transfer rate
- ▶ Industry-standard 5.25" half-high form factor
- ▶ High reliability
- ▶ Library compatible
- ▶ Industry-leading price/performance

FEATURE	BENEFIT
Fast data transfer rate	Built for performance, backing-up 43 GB <2 hours*
Exabyte 8mm backward compatibility	Compatible with an installed base of more than one million drives and libraries, protecting your investment in previous Exabyte products
Dynamic Head Cleaner™	Provides preventative maintenance by automatically cleaning the read/write heads at every load/unload cycle
TapeAlert™ compatible	Automatic device monitoring and diagnostics for preventative maintenance and error recovery
LCD display (optional)	Provides drive status in multiple languages for ease of use
Partitioning	Allows for up to 64 partitions enabling faster access to data
Precision reel-to-reel servo™	Patented tape motion system eliminates need for a capstan and significantly decreases the chance of tape damage
Multi-option SCSI interface, including low voltage differential (LVD)	Easy integration to PCs, workstations and servers
Three-year, advance exchange warranty	Proven reliability Best warranty in its class

*Compressed capacities 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.



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Exabyte Mammoth tape drives are compatible with Exatape® 170m and 22m AME (Advanced Metal Evaporated) media.

Exabyte tape drives and tape libraries are available as consumer-ready kitted products or as integration components. Contact an Exabyte sales representative at (303) 442-4333 for further information.

Exabyte Mammoth Tape Drive Technical Specifications

Capacity

40 GB, compressed*
20 GB, uncompressed

Performance

Transfer rate, sustained:
6 MB per second, compressed*
3 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

SCSI Interface

Single ended narrow
Differential wide
LVD (low voltage differential) wide

Buffer size

4 MB

Data Integrity

BER < 1 in 10¹⁷

Reliability

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

Recording Method

8mm advanced helical scan

Read and Write Formats

Read and write: Mammoth
Read: Mammoth, 8500c, 8500 and
8200 series

Environmental

Operating temperature:
5° C to 40° C (41°F to 104°F)
Nonoperating temperature:
- 20°C to 60°C (-40°F to 140°F)
Relative humidity, noncondensing:
20% to 80%

Power:

+5 VDC, +12 VDC, 15 watts typical

Dimensions (HxWxD)

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

Weight

3 lbs./1.36 kg.

Media

Exatape™ 170m Advanced Metal
Evaporated (AME)

Drive Cleaner

Exatape 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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*Assumes 2:1 compression ratio.
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 **Exabyte®**