

Mammoth™ Tape Drive



Fast and dependable

Provides data storage for large departmental networks with application servers.



- 20 GB capacity (40 GB compressed*)
- 180 MB per minute data transfer (360 MB compressed*)
- High reliability
- Industry-leading price/performance

FEATURES	ADVANTAGES	BENEFITS
<i>Fast data transfer rate</i>	<i>Backs up 43 GB in under two hours</i>	<i>Less time required for backups</i>
<i>Dynamic Head Cleaner™</i>	<i>Automatically cleans read/write heads at every load/unload cycle</i>	<i>Provides preventive maintenance</i>
<i>TapeAlert™ compatible</i>	<i>Automatically monitors and diagnoses problems</i>	<i>Performs preventive maintenance and error recovery</i>
<i>Multi-option SCSI interface, including LVD</i>	<i>Easy integrations to PCs, workstations and servers</i>	<i>Users don't have to invest in new servers and other equipment</i>

Exabyte's Mammoth tape drive is the most reliable drive in its class (250,000-hour MTBF) and supports TapeAlert, the industry-standard preventive maintenance and diagnostic tool. Other outstanding features include a built-in head cleaner, gentle tape handling, optional LCD display, NT 4.0 certification and backward compatibility with existing Exabyte 8mm tape drives. As a standalone drive or library component, Exabyte Mammoth meets market demand for higher reliability, improved performance and increased capacity.

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 1.6 million units. The world's leading computer manufacturers and resellers acknowledge Exabyte as a premier provider of tape storage products.

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

The Exabyte Mammoth SCSI kitted tape drive includes one Exabyte 170m AME data cartridge, one MammothTape cleaning cartridge, cables, terminator (external models only), installation and operation guide.

Mammoth Configurations	Exabyte Part #
Internal, single-ended narrow	895011-255
Internal, differential wide	895311-255
Internal, LVD wide, LCD	270004-904
External, single-ended narrow	896011-255
External, differential wide (HVD), LCD	896311-255
External, LVD wide	270004-906

Media Compatibility

The Mammoth tape drive is compatible with 170m, 22m, 125m or 45m AME (Advanced Metal Evaporated) media.

Tape Drive Integration

Mammoth tape drive is available as a consumer-ready packaged solution or integrated into the X200 and X80 tape libraries and into the EZ17 autoloader.

Exabyte Mammoth

Technical Specifications

Capacity

Native Compressed*
20 GB 40 GB

Performance

Transfer rate, sustained:
3 MB per second, native
6 MB per second, compressed*
Burst transfer rate:
7 MB per second, asynchronous
20 MB per second, synchronous

Search rate:

188 MB per second, native
376 MB per second, compressed*

Cartridge load to ready:
< 20 seconds

Interface

Low-voltage differential (LVD) wide
Single ended narrow
Differential wide

Buffer Size

4 MB

Data Integrity

BER <1 in 10¹⁷

Reliability

MTBF > 250,000 hours

Recording Method

Advanced 8mm helical scan

Read and Write Formats

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

Media

Advanced Metal
Evaporated (AME) 170m

Drive Cleaner

MammothTape cleaning cartridge
Use of other cleaning methods may void drive warranty.

Head Life

35,000 hours

Media Life

20,000 passes

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

Power Consumption

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.

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 website.
www.exabyte.com

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