

EXABYTE X80

MammothTape™ Technology Library

Exabyte's most cost-effective
SAN-ready library



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MammothTape Technology Library



UP TO 12 TB IN A 19" RACK

The powerful yet affordable Exabyte X80 enables growing companies to invest in a scalable MammothTape library. This SAN-ready library has the flexibility to store data cost-effectively today and grow into a much larger solution in the future. A distinctive Java-based library monitor allows remote library management without interrupting normal operations. Accommodating two to eight Mammoth-2 or Mammoth tape drives, the X80 delivers data throughput of up to 864 GB per hour. This modular Arrowhead™ library can be configured for either 40 or 80 data cartridges, for a total capacity of up to 12 TB.

Users can take advantage of Mammoth-2's enhanced performance capabilities and average load times of under 10 seconds to perform a broader range of applications. The X80 works well for growing companies that need cost-effective storage for large amounts of data.

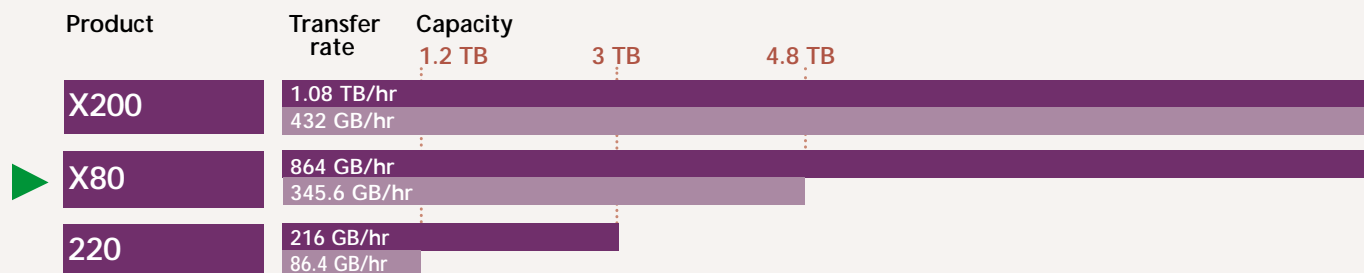
The X80 is the newest in the Arrowhead family of automated libraries and comes with a standard Ethernet port that allows connection to an Exabyte NetStorM library monitor. For companies needing a scalable library that will allow them to substantially increase the scope of their data storage solutions in the future, the X80 is the perfect solution.

- Up to 12 TB capacity*
- Data throughput of up to 864 GB per hour*
- >1,000,000 MCBF
- Compatible with industry-leading software applications
- Scalable Arrowhead solution: 40 or 80 225m AME cartridges and 2 to 8 Mammoth-2 tape drives

Typical installations: Large application servers and networks

Supported applications: Lights out data center operations, unattended network backup/restore, remote storage, automated archiving, imaging and hierarchical storage management

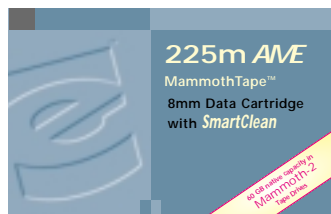
Mammoth-2 Libraries



*Assumes 2.5:1 compression ratio with Mammoth-2 tape drives. Compression capacity and throughput will vary dependent upon type of data and system configuration. All specifications are subject to change without notice.

Media Compatibility

The Exabyte X80 library with Mammoth-2 uses AME media with SmartClean™ technology for optimal data recording and drive performance.



Exabyte AME Media Compatibility

	AME				SmartClean™		
	22m	45m	125m	170m	75m	150m	225m
Mammoth-LT	R/W	R/W	R/W	No	No	No	No
Mammoth	R/W	R/W	R/W	R/W	No	No	No
Mammoth-2	R/W*	R/W*	R/W*	R/W*	R/W	R/W	R/W

*For optimal tape drive performance and reliability, Exabyte recommends only SmartClean™ media for Mammoth-2 tape drives and libraries. Mammoth-2 can use other AME media, but will require regular cleaning with an Exabyte Mammoth cleaning cartridge.

Tape Drive Integration

The Exabyte X80 library uses 2 to 8 Mammoth or Mammoth-2 tape drives.

Exabyte X80

Capacity
Mammoth-2
With 80 slots:
12 TB, compressed*
4.8 TB, native

Mammoth
With 80 slots:
3200 GB, compressed*
1600 GB, native

Data Transfer Rate, Aggregate
With 8 Mammoth-2 drives:
864 GB/hour, compressed*
345.6 GB/hour, uncompressed

Cartridge Access Time
< 10 seconds

SCSI Interface
Wide, Low Voltage Differential
Wide, High Voltage Differential

Reliability
Robotics MCBF: >1,000,000
Drive MTBF: 250,000 hours

Environmental
Operating temperature:
5° C to 35° C (41° F to 95° F)

Nonoperating temperature:
-20° C to 60° C (-4° F to 140° F)

Relative humidity, noncondensing, operating:
20% to 80%

Technical Specifications

Power
100 to 240 VAC, 50 to 60 Hz
Auto-switching power supply

Power consumption:
300 watts maximum (approx.)
90 watts minimum (approx.)

Dimensions (HxWxD)
Standalone:
38.6 in. x 19.0 in. x 29.0 in.
98.1 cm x 48.3 cm x 73.7 cm

Rack-mount:
34.6 in. x 17.0 in (back),
19.0 in. (front) x 29.0 in.
96.5 cm x 48.3 cm x 73.6 cm

Shipping package:
65.6 in. x 33.5 in. x 36.0 in.
166.7 cm x 85.1 cm x 91.4 cm

Weight
Standalone: 264.3 lbs. (119.9 kg)
Shipping weight: 319 lbs.
(144.3 kg)

Rack-mount: 199.8 lbs. (90.6 kg)
Shipping weight: 233 lbs.
(105.7 kg)

Additional drive in carrier:
9.5 lbs. (4.3 kg)

Additional power supply: 7 lbs.
Weights cited include 2 tape drives, 8 data cartridge magazines and no data cartridges, with one power supply

Media
Mammoth-2
Exabyte 225m AME data cartridges with SmartClean, Exabyte 22m, 45 m, 125m and 170m AME media.

Mammoth
Exabyte 22m, 45 m, 125m and 170m AME media.

Both Mammoth and Mammoth-2 drives are compatible with Mammoth cleaning cartridges. With normal use, Mammoth-2 with SmartClean media requires no cleaning.

Media is available in Exapak®, data cartridge magazines preloaded with appropriate cartridges

Agency Certifications
UL, CSA, IEC, FCC, TUV, CISPR

Warranty
Three year
First year on-site service in North America and Europe

Customer-Ready Configuration
TBD

Contact an Exabyte sales representative at 1-800-EXABYTE for availability of products using MammothTape technology.

Unylogix Technologies Inc.

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web site: www.unylogix.com

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*Assumes 2.5:1 compression ratio with Mammoth-2, 2:1 with Mammoth. Compression capacity and throughput will vary dependent upon type of data and system configuration. All specifications are subject to change without notice.