

X80 MammothTape™ Library

Up to 12 TB in a 19" rack with native Fibre Channel option

Delivers scalable storage for large application servers and networks



- Cost-effective SAN-ready native Fibre Channel library
- 4.8 TB capacity (12 TB compressed*)
- 345 GB per hour data throughput (864 GB per hour compressed*)
- Highest rack density – two X80 libraries fit where other libraries don't



FEATURES

Native Fibre Channel and serverless backup options

Rack or standalone configurations

Multi-drive capability

Enhanced LCD display with "soft keys"

Laser barcode scanner

Field-upgradable library

ADVANTAGES

Eliminates need for bridge or router

Fits many needs

Permits concurrent operation, allows fault tolerance

Provides customized, easy-to-use, menu-driven interface

Improves file management

Grows with storage needs

BENEFITS

Enhances reliability, cost-effectiveness, throughput and data integrity

Provides configuration flexibility

Increases throughput

Provides easy operation and instant library status

Reduced media inventory time

Protects customer investment

The powerful yet affordable Exabyte X80 enables growing companies to invest in a scalable M2 library. SCSI and Fibre Channel interfaces provide the flexibility of direct attachment to a server or native Fibre Channel SAN and serverless backup. The X80 is SAN-ready. Options such as Ethernet, native Fibre Channel connectivity and serverless backup provide high performance and reliability. The firmware of Exabyte's M2 tape drives has a serverless backup option built right in, so there is no need for a router. This minimizes cost and complexity, eliminates a potential point of failure and decreases total cost of ownership.

Backup windows are eliminated when serverless backup and native Fibre Channel are used in a SAN. Continuous 24/7 backups become a reality. As the speed of recovery and backup time are accelerated, recovery becomes easy. Because server cycles are eliminated, application performance is improved, leaving servers free to be utilized for regular business functions. The X80 is the only library in its class offering enterprise performance, high rack density and SAN-ready features at a competitive midrange price.

* Assumes a compression ratio of 2.5:1 with M2, 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.

The Exabyte X80 library includes two drives, U.S. power cord, user manuals, Exabyte Library Monitor software, one 2-meter cable, one 1-meter cable, one 15" cable, one SCSI terminator; barcode labels and 40 Exabyte AME 225m SmartClean data cartridges.

| X80 Configurations | Exabyte Part # |
|---|----------------|
| X80, 2/M2 Fibre Channel, Tower Kitted-40 slot | 270014-1320 |
| X80, 2/M2 LVD, Tower Kitted-40 slot | 270014-1070 |
| X80, 2/M2 Fibre Channel, Tower Kitted-80 slot | 270014-1322 |
| X80, 2/M2 Fibre Channel, Rack Kitted-80 slot | 270014-1323 |
| X80, 2/M2 LVD, Tower Kitted-80 slot | 270014-1071 |
| X80, 2/M2 LVD, Rack Kitted-80 slot | 270014-1073 |
| X80, 2/M2 Fibre Channel, Rack Kitted-40 slot | 270014-1321 |
| X80, 2/M2 LVD, Rack Kitted-40 slot | 270014-1072 |
| Professional Installation Program | 1007926 |

NOTE: To ensure optimal connectivity and performance, the Exabyte Professional Installation Program is required with all X80 installations.

| M2 Options | Exabyte Part # |
|--------------------------------|----------------|
| M2 Fibre Channel Drive Carrier | 1005299 |
| M2 LVD Drive Carrier | 1002699 |
| 40 slot upgrade | 341976 |
| X80 Exapak | 00570 |
| Rack Mount Kit | 1003586 |



Media Compatibility

For optimal drive performance and reliability, Exabyte recommends only AME SmartClean media for M2 tape drives and libraries. M2 can use other AME media but will require regular cleaning with an Exabyte Mammoth cleaning cartridge.

Tape Drive Integration

The X80 tape library can be configured with up to 80 data cartridges and up to 8 tape drives.

Exabyte X80

Technical Specifications

Capacity

M2 with 80 slots
4.8 TB, native
12 TB, compressed*

Mammoth with 80 slots
1.6 TB, native
3.2 TB, compressed*

Data Transfer Rate, Aggregate

With 8 M2 drives:
345.6 GB/hr, native
864 GB/hr, compressed

Cartridge Access Time

< 10 seconds

Interface

SCSI Wide, Low Voltage Differential
SCSI Wide, High Voltage Differential
Fibre Channel

Reliability

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

Environment

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%

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

M2
Exabyte 225m AME data cartridges with SmartClean.

Mammoth

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

Both Mammoth and M2 drives are compatible with Mammoth cleaning cartridges. With normal use, M2 with SmartClean media requires no additional cleaning.

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

Agency Certifications

UL, CSA, IEC, FCC, TUV, CISPR

Warranty

Three year limited warranty
(First year on-site service in North America and Europe)

Software Compatibility

For the most recent software compatibility information, please visit the Products section on the Exabyte website at www.exabyte.com.

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* Assumes a compression ratio of 2.5:1 with M2, 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.

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