

430 Tape Library



Convenient, rack mount automated data storage for distributed networking environments

Supported applications: Network backup/restore, remote storage and automated archiving



High capacity, high performance automated data storage

Up to 4 drives, 30 cartridges

2.4 to 4.5 TB capacity

86.5 to 173 GB/hr. transfer rate

Accommodates either VXA-2 or M2[®] tape drives

Optimized for rack-mount installations

FEATURES	ADVANTAGES	BENEFITS
<i>Barcode capability</i>	<i>Reduces inventory time; optimizes media management</i>	<i>Faster access to data; lower cost of ownership</i>
<i>Ethernet connectivity</i>	<i>Enables remote management capabilities</i>	<i>Increased productivity</i>
<i>Entry/exit port</i>	<i>Provides secure access to individual data cartridges without interrupting library operations</i>	<i>Ease of use; increased data security; increased performance; lower cost of ownership</i>
<i>Field-upgradable tape drives</i>	<i>Grows with storage needs</i>	<i>Ease of service, increased functionality and lower cost of ownership</i>
<i>Native Fibre Channel interface (M2 only)</i>	<i>Connectivity flexibility for SAN and NAS applications</i>	<i>Optimized performance; increased reliability; reduced overhead costs</i>
<i>Multiple tape drives</i>	<i>Increased performance, fault tolerance and redundancy</i>	<i>Reduced cost of ownership; increased efficiency</i>

Ideal for IT environments with data-intensive networks, the Exabyte 430 library delivers high-performance, dependable automated backup. The Exabyte 430 accommodates up to four VXA-2 or M2 tape drives and 30 data cartridges, providing continuous, reliable, unattended data storage operations.

The 430 tape library is designed to accommodate either VXA-2 or M2 tape drives. While system architecture, available bandwidth and budget determine the right drive solution, overall the 430 library offers an attractive return on investment.

The 430 occupies just five rack units and two cubic feet, maximizing valuable data center space. Designed to

provide a flexible automated storage solution, the library allows users to add drives and cartridges as their data storage needs grow.

For high-performance SAN environments the 430 is the industry's only midrange library with a native Fibre Channel interface (M2 only). This native FC interface eliminates costly, error-prone Fibre Channel bridges and reduces performance bottlenecks.

Exabyte's award-winning M2 and VXA-2 drives are field-replaceable, making them easy to maintain and upgrade, protecting the user's investment. The intuitive operator interface guides users through library and drive functions, ensuring an easy to use, highly efficient storage solution.

* Compressed specifications assume a 2.5:1 compression ratio with M2, 2:1 with VXA-2. Compression, capacity and throughput will vary depending upon type of data and system configuration. All specifications are subject to change without notice.

Exabyte's 430 library includes the robotics, rack-mount configuration, US and international power cord, SCSI cables, two data cartridge magazines, a barcode scanner and remote management software, ethernet port, entry/exit port and documentation CD.

430 Configurations	Exabyte Part #
430 LVD	270019-1542
430-FC (M2 only)	270019-1529
Professional Installation Program (for M2-FC configurations only)	1008989

NOTE: To ensure optimal connectivity and performance, the Exabyte Professional Installation Program is required with all 430-FC installations.

430 Options	Exabyte Part #
Rack Mount Kit	1004731
430 VXA-2 LVD drive carrier (includes cleaning cartridge)	1010671
430 M2 LVD drive carrier	1005831
430 M2 Fibre Channel drive carrier	1008542
Data Cartridge Magazine	1004107-001

VXA Media	Capacity	Exabyte Part #
V23	80/160 GB	111.00121
V17	59/118 GB	111.00103
V10	40/80 GB	111.00106
V6	20/40 GB	111.00100
VXA Cleaning Cartridge		111.00109

M2 Media	Capacity	Exabyte Part #
AME 225m	60/150 GB	00558
AME 150m	40/100 GB	00573
AME 75m	20/50 GB	00572
Mammoth Cleaning Cartridge		315205

Exabyte 430 Technical Specifications

Capacity

With M2

- 1.8 TB, native
- 4.5 TB, compressed*

With VXA-2

- 2.4 TB, native
- 4.8 TB, compressed*

Data Transfer Rate

With M2

- 173 GB/hr, native
- 432 GB/hr, compressed*

With VXA-2

- 86.4 GB/hr, native
- 173 GB/hr, compressed*

Cartridge Access Time

<10 seconds

Interface

SCSI-2 Ultra Wide LVD

(Low Voltage Differential)

SCSI connection: 68-pin MicroD

Native Fibre Channel (M2 only)

Reliability

Robotics: >1,000,000 mean cycles between failures (MCBF)

Drive MTBF:

>300,000 hours

Environmental

Operating temperature: 5° C to 35° C

41° F to 95° F

Nonoperating temperature: -20° C to 60° C

-40° F to 140° F

Relative humidity,

noncondensing, operating: 20% to 80%

Power

100 to 240 VAC, 50 to 60 Hz

Auto-switching power supply

Maximum watts: 215

Dimensions (HxWxD)

8.65 x 17.25 x 24.10 inches

(21.97 x 43.82 x 61.21 cm)

Rack height: 5u

Shipping Dimensions (HxWxD):

21.0 x 33.75 x 30.0 inches

(53.0 x 78.11 x 76.21 cm)

Weight

44 lbs. with 2 magazines, no cartridges and no drives

Agency Certifications

UL, CSA, FCC, CISPR, IEC, TUV, BSMI

Warranty

Three-year limited warranty; on-site service options

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Media Compatibility

The Exabyte 430 with M2 supports Exabyte AME SmartClean™ media for optimal data recording and drive performance. The 430 with VXA-2 supports Exabyte V6, V10, V17 and V23 media.

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