

Eliant™ 820



Typical application: NT, UNIX and NetWare midrange networks; mixed workstation.

Exabyte's Eliant 820 tape drive is a consistently reliable backup system that keeps pace with today's shrinking backup windows. With its fast data transfer rate, the Eliant 820 can back up 7 gigabytes of data in less than two hours.

Certified by Microsoft to be Windows NT™ compatible, the Eliant 820 is also certified in our laboratories for optimum performance in NetWare and UNIX® environments. In addition, affordable media enables the Eliant 820 to offer the lowest cost of ownership in its class.

Exabyte Eliant™ 820 8mm Tape Drive

- ▶ 7 GB capacity
- ▶ 60-MB-per-minute data transfer rate
- ▶ Lowest total cost of ownership in its class
- ▶ Library compatible
- ▶ Intelligent hardware data compression
- ▶ Industry-standard 5.25" half-high form factor

FEATURE	BENEFIT
Rapid data transfers	Back up 7 GB in less than two hours
Dynamic Head Cleaner™	Provides preventative maintenance by automatically cleaning the read/write heads at every load/unload cycle
Part of the Exabyte 8mm product family	Compatible with an installed base of more than 1.5 million drives and libraries
Uses Exatape® 8mm data cartridge	Inexpensive media lowers total cost of ownership
Three-year, advance exchange warranty	Proven reliability and responsive service
Laboratory tested	Industry-leading application and O/S compatibility

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The Eliant 820 tape drive is compatible with Exatape 160mXL 8mm media and integrates into the Exabyte 10h, 210, 220, and 440/480 8mm automated libraries.

Exabyte tape drives and tape libraries are available as consumer-ready kitted products or as integration components.

Contact an Exabyte sales representative at 1-800-774-7172 for further information.

Exabyte Eliant 820 8mm Tape Drive

Capacity

14 GB, compressed*
7 GB, native

Performance

Transfer rate, sustained:
2 MB per second, compressed*
1 MB per second, native
Transfer rate, burst:
2.5 MB per second, asynchronous
5 MB per second, synchronous
Search rate:
60 MB per second, compressed
30 MB per second, native

Interface

SCSI
Single-ended or differential

Buffer size

1 MB

Data Integrity

BER < 1.0 x 10⁻¹⁷
Reed-Solomon ECC
Onboard error recovery

Reliability

MTBF: 200,000 hours
Read-after-write verification

Recording Method

8mm helical scan

Read and Write Formats

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

Environmental

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

Power

Internal:
+5 VDC, +12 VDC
11 watts typical

External:
Universal auto-switching
(100/240 VAC)

Dimensions (HxWxD)

Internal:
1.6 in. x 5.8 in. x 8 in.
4.1 cm x 14.6 cm x 20.3 cm

External:
3 in. x 9 in. x 11 in.
7.6 cm x 22.9 cm x 27.9 cm

Shipping package:
Internal:
8.5 in. x 10.75 in. x 13.5 in.
21.6 cm x 27.3 cm x 34.3 cm

External:
10.8 in. x 16.3 in. x 17.8 in.
27.0 cm x 41.0 cm x 45.0 cm

Weight

Internal:
2.6 lbs./1.2 kg
External:
8 lbs./3.6 kg
Shipping package:
Internal:
4.5 lbs./2.0 kg
External:
12.4 lbs./5.6 kg

Media

Exatape® 8mm 160mXL and Exabyte
Premium Cleaning Cartridge

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.
Compression, capacity and throughput will vary dependent upon type of data and system configuration.
All specifications are subject to change without notice.