

PowerStor L500

L500

AUTOMATED MINI-LIBRARY

FEATURES AND BENEFITS

- Available with VS80, DLT7000 or DLT8000 drives
- Up to three drives for 129 GB/hr backup performance¹
- 14 cartridges for 1.1 TB capacity¹
- WebAdmin software for remote administration
- Reliable cartridge handling system
- Optional 3 of 9 bar code reader
- User-friendly control panel
- Two seven-cartridge removable magazines for bulk loading and unloading via two front door panels
- Rackmount or desktower configurations
- Supported by popular data protection software packages

For administrators of small- to mid-sized Windows NT/2000®, UNIX® and Linux® LANs, the PowerStor™ L500 is a cost-effective, compact and easy-to-use solution for automated backup and restore. And, for demanding storage-intensive applications, the PowerStor L500 meets the challenge with the reliability to ensure continuous access to your data and by delivering the highest performance in its class.

EASY TO INSTALL, EASY TO USE

PowerStor libraries are designed for ease-of-use. Delivered completely assembled and tested, PowerStor libraries are ready to install and configure out of the box. Once installed, the intuitive PowerStor control panel makes it easy to operate the library as well as access important configuration and status information. Loading and unloading tape cartridges is easy and quick with front door access and a pair of seven-cartridge magazines. And when the lights go out and you go home, PowerStor is accessible from anywhere on the World Wide Web using Quantum|ATL's WebAdmin™ software for remote administration. WebAdmin provides library monitoring, event logging and event notification from any Java™-enabled browser.



THREE DRIVES FOR FAST BACKUP, FOURTEEN MEDIA CARTRIDGES FOR ABUNDANT CAPACITY

Available in both desktower and rackmount configurations. PowerStor libraries require only four rack units of space. In this compact form-factor PowerStor uniquely supports up to three VS80, DLT7000, or DLT8000 drives for blazing backup performance of up to 129 gigabytes per hour¹. PowerStor also includes 14 cartridge slots for abundant capacity of 1.1 terabytes¹.

RELIABILITY FOR CONTINUOUS ACCESS TO YOUR DATA

With over a terabyte of capacity¹, the data stored on a PowerStor library often represents the productivity of many networked users. PowerStor L500 libraries demonstrate the superior reliability needed to ensure continuous access to your business-critical data. The PowerStor reliability specifications include:

- 1,000,000 mean swaps between failure (MSBF)
- Up to 50,000 hours of drive head life
- 30-year archival life for DLTtape cartridges

1. Using DLT8000 and 2:1 data compression that may vary based on data type and other variables.

Superior and Reliable
DLTtape Libraries

Quantum® | ATL

PowerStor L500

L500

AUTOMATED MINI-LIBRARY

ABOUT Quantum|ATL

Quantum|ATL is a worldwide market leader in the design, manufacture and service of automated tape libraries used to manage, store and transfer data in enterprise networked computing environments. Quantum|ATL's objectives are to fulfill our customers' needs for storage growth and support, while providing the security that comes from reliable products. Our DLTtape™, LTO™ Ultrium™ and AIT library systems are sold worldwide through direct sales, original equipment manufacturers (OEM) and an extensive network of authorized resellers and distributors. Headquartered in Irvine, California, Quantum|ATL operates one of the most advanced and largest manufacturing facilities for automation technology and complies with ISO 9001 quality system standards. Sales and service are provided throughout major cities in North America, Latin America, Europe and Asia. For additional information, please visit our website at www.QuantumATL.com.

SPECIFICATIONS

Communication Interfaces

Host to Library

Electrical Single-ended or Differential SCSI-2 Fast Narrow or Wide
High-density 68-pin Micro D female connector
Software SCSI-2 medium changer command set

Host to Tape Drives

Electrical VS80: Low-voltage Differential SCSI-2 Fast and Wide
High-density 68-pin Micro D female connector
DLT7000: Single-ended or Differential SCSI-2 Fast and Wide
High-density 68-pin Micro D female connector
DLT8000: High-Voltage Differential (HVD) SCSI-2 Fast and Wide
High-density 68-pin Micro D female connector

Recording Medium

DLTtape IV, 0.5 in., Metal Particle 2 (MP2), 1,800 Oe, 0.3 ml Thick

Performance (GB/hour)

	VS80		DLT7000		DLT8000	
	Native	Comp ²	Native	Comp ²	Native	Comp ²
1 drive	10.8	21.6	18.0	36.0	21.3	43.2
2 drives	21.6	43.2	36.0	72.0	43.2	86.4
3 drives	32.4	64.8	54.0	108.0	64.8	129.6

Capacity (GB)

	VS80		DLT7000		DLT8000	
	Native	Comp ²	Native	Comp ²	Native	Comp ²
14 Slots	560	1120	490	980	560	1,120

Power Specifications

Voltage 100-120 / 200-240 VAC
Frequency 50 / 60 Hz
Power Consumption 100 to 260 watts (typical)

Environmental Operating

Humidity 20% to 80%, noncondensing
Temperature 50°F to 104°F (10°C to 40°C)
Altitude -500 to 30,000 feet (-152.4 to 9,144m)

Non-operating (storage & shipping)

Humidity 10% to 95%, noncondensing
Temperature -40°F to 15°F (-40°C to 66°C)

Agency Approvals

Safety UL1950 Listed, CSA, C22.2-No. 220
TUV-EN60950
Emission FCC Part 15B Class A, CE Mark
Class A & B, VCCI Class 1 & 2,
EN550221B, EN550821B, CISPR 22 A & B

Robotics Reliability

MTBF 200,000 power-on hours
MSBF 1 million mean cycles
MTTR Less than 30 minutes

Cabinet Characteristics

	Rack	Tower
Height	7 in. (17.8cm)	18 in. (45.7cm)
Width	17.8 in. (45.1cm)	10.5 in. (26.7cm)
Depth	20 in. (50.8cm)	20 in. (50.8cm)
Weight	70 lbs. (32kg)	76 lbs. (35kg) with 3 drives and 14 cartridges

VSTAPE™ 80 **DLT**TAPE
VALUSMART



² Assumes 2:1 data compression that may vary by data type and other variables.

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Quantum|ATL maintains offices throughout the
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