

Dell PowerVault 110T LTO Tape Drives



Taking advantage of Linear Tape Open technology's high performance and capacity, Dell™ PowerVault™ 110T LTO™ -2-L and LTO-3 tape drives deliver reliable, cost-effective backup support for PowerEdge™ servers and PowerVault NAS servers.

Reliable Performance

Protecting your data could be the most important thing you do toward your organization's success, and tape backup continues to be one of the most cost-effective, reliable methods of storing your mission-critical data. Dell PowerVault 110T LTO-2-L and LTO-3 tape drives help provide business continuity and disaster recovery for midrange and enterprise server environments using Dell PowerEdge servers or PowerVault NAS servers.

For the best balance of value and performance, the PowerVault 110T LTO-2-L offers up to 86.4GB/hr native transfer rates and native data capacity up to 200GB¹ on a single piece of tape media. The LTO-2-L is the right choice for small and medium business customers seeking affordable backup solutions.

For more data and storage intensive environments, the PowerVault 110T LTO-3 offers up to 288GB/hr native transfer rates and native data capacity up to 400GB¹ on a single piece of tape media. Its robust performance and capacity makes the LTO-3 the right choice for digital video and archiving, data mining and supply chain management.

The LTO-2-L version offers 62.5% higher backup rate and double the cartridge capacity of first generation LTO technology and the LTO-3 version offers more than twice the backup rate and double the cartridge capacity of second generation LTO technology. Additionally, they use Digital Speed Matching capabilities designed to reduce back-hitching by allowing the tape drive to adjust its data rate to the server's rate. This results in tape longevity and fast throughput.

Value

Competitively and accessibly priced, the PowerVault 110T LTO-2-L offers exceptional value with incredibly low cost per Gigabyte of data backup. The PowerVault 110T LTO-3 offers the highest capacity Dell LTO technology available. The media is also reasonably priced giving you a complete cost-effective solution. What's more, fewer tape cartridges are required than first generation LTO technology resulting in low total cost of ownership.

The PowerVault 110T LTO-2-L is backward read/write compatible with LTO-1 and LTO-2 tapes and the PowerVault 110T LTO-3 is backward read/write compatible with LTO-2 and LTO-3 tapes and read compatible with LTO-1 tapes. This helps protect your previous technology investments. Not only does it give you a choice in vendors and easy upgrades, it is compatible with industry standard technology for further investment protection.

Simplicity

PowerVault 110T LTO-2-L and LTO-3 tape drives are easy to incorporate into your server and storage environment. They can be configured either internally or externally to your servers and they come equipped with what you need for easy installation, from SCSI cables to a Quick Start Guide and SCSI terminator for external deployments. Plus, they are Dell certified with Dell PowerEdge servers for reliability and smooth operation.

When used with Dell tape backup software, scheduling and operating tape backups is quick and easy. And Dell supports a wide range of software, such as Veritas® Backup Exec™, CommVault Galaxy™ and Yosemite™ TapeWare so you can choose the one that best meets your needs.

With so many different types of threats that can disrupt your business, having a reliable data backup system is critical. Dell PowerVault 110T LTO-2-L and LTO-3 tape drives give you the performance, capacity and reliability to keep your organization running.



PowerVault 110T LTO-3

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DELL ENTERPRISE SERVICES

By utilizing the proven advantages of our direct model, including tailored service and support, low cost and a single point of contact, Dell Services can provide you with fast, effective, affordable service offerings at any point in your IT process. By doing so, we offer a combination of bundled best practices and tailored solutions that work together to provide maximum value to you. Whether you need support, deployment, training and certification programs, or professional consulting services, individually or bundled as a total package, Dell promises to be your single point of contact at all times.

Professional Services

Dell Professional Services enables Dell customers to optimize ROI by utilizing complex technology through the design, development and deployment of innovative, robust and scalable business-critical solutions. With each engagement, we utilize our proven methodology and project management expertise to understand your business objectives, design plans that are flexible to adapt to your current environment and then deliver results.

Deployment Services

We bring you deployment assistance that delivers true value from beginning to end. Dell can tailor systems to our customers' specifications and reduce redundancy and time by customizing the hardware and software configuration during the initial system-build. We can manage the delivery, installation and disposal of your assets with the same eye for efficiency.

Training and Certification

Our approach to Training and Certification allows you to outsmart your competitors – not outspend them – with industry-standard learning across Dell hardware and industry-standard software. Dell can assist you wherever you need us, whether on-site, on-line or in a classroom setting, to help your organization take full advantage of information technology.

Enterprise Support Services

Technology is a significant investment, and it pays to have a partner who can help you minimize costly downtime. Through our Premier Enterprise Support Services (PESS) offerings, Dell provides tiered support service packages with the flexibility to customize the offering to meet your specific needs across a wide range of computing environments. With proactive and reactive support options which include hardware and software support with varied response levels, account management and remote resolution, Dell provides support solutions that meet your needs, cost-effectively.

Services vary by region. For more information on the available services in your area, please visit www.dell.com.

FEATURES	LTO-2-L	LTO-3
Capacity (Native)	Up to 200GB ¹	Up to 400GB ¹
Transfer rate (Native)	Up to 24MB/sec	Up to 80MB/sec
Media	LTO-2	LTO-3, LTO-3 WORM
Open format	Yes	Yes
Form factor	Internal 5.25" full height	Internal 5.25" full height
Compatibility	Reads/Writes LTO-1 and LTO-2 tapes	Reads/Writes LTO-2, LTO-3, LTO-3 WORM tapes, Reads LTO-1 tapes
Format	Internal or external	Internal or external
MTBF	250,000 hours	250,000 hours
Duty cycle	100%	100%
Buffer size	64MB	128MB
Recording interface	Ultra160 SCSI LVD	Ultra160 SCSI LVD
Maintenance	Head cleaning cartridge used when indicated by drive	Head cleaning cartridge used when indicated by drive, integrated sweep cleaning brush
Dimensions	Int: 1.17" x 5.8" x 8.9" (H x W x D) Ext: 4.6" x 7.6" x 12.1" (H x W x D)	Int: 3.33" x 5.83" x 8.33" (H x W x D) Ext: 4.9" x 9.8" x 11.4" (H x W x D)
Weight	Int: 3.3 lbs Ext: 10.4 lbs.	Int: 6.6 lbs Ext: 14.1 lbs
Altitude	10,000 feet maximum (operational)	10,000 feet maximum (operational)
Temperature	10° C to 40° C (operational)	10° C to 35° C (operating)
Humidity	80%	80%
Power supply power requirements	34W (Operational)	28W (Operational), 10W in idle mode with no cartridge loaded

¹For hard drives, 1 GB means 1 billion bytes and 1 TB means 1 trillion bytes; actual capacity varies with preloaded material and operating environment and will be less.

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