



Dell PowerVault TL1000 Tape Autoloader

The Dell PowerVault TL1000 tape autoloader brings high density and remote management backup capabilities to small and medium businesses in a compact, affordable 1U form factor.

Automated backup delivers true value

The Dell™ PowerVault™ TL1000 tape autoloader is designed to maximize the storage capacity available in a space-saving 1U rack-mount chassis, making it ideal for consolidating multiple or remote application servers for unattended, automated backup. The affordable PowerVault TL1000 delivers features found previously only in high-end libraries. A simple design allows you to manage up to nine total cartridges. Plus, you have a choice of equipping the autoloader with one LTO-7, LTO-6, LTO-5 or LTO-4 tape drive.

Administrative ease can save time and money

The PowerVault TL1000 is designed to automate backup tasks so that administrators can focus on other efforts. Remote management through a web-based browser provides the ability to oversee backup operations from a remote device. Plus, automatic cartridge swapping helps reduce the risk for human error sometimes caused by manually switching cartridges. The PowerVault TL1000 can also simplify large or frequent backup or archive scenarios.

Crafted for easy installation and use, the PowerVault TL1000 can quickly be implemented into existing infrastructures. The removable nine-data-slot magazine enables fast bulk tape loading, while the standard barcode reader helps save time allowing administrators to randomly or sequentially access their cartridges. Library-managed encryption is available with LTO-6 and later generation technology for added security at point-of-sale only.

A validated backup solution designed to ensure peace of mind

The PowerVault TL1000 offers seamless integration with customer infrastructures. It works with different operating systems such as Microsoft® Windows® and Linux®.

To help ensure compatibility and easy implementation, the PowerVault TL1000 is Dell certified, tested and validated for use on Dell hardware including PowerEdge™ servers and select storage devices. It is also backed by Dell technical support for the length of your limited warranty.¹ The PowerVault TL1000 is a premier tape autoloader for busy administrators, delivering dense storage capacity in a 1U form factor at an affordable price.

Dell ProSupport services

Experts, insights and tools help you adopt complex technologies with confidence. Select the Dell ProSupport service that aligns with the criticality of your systems and complexity of your environment.

ProSupport

Simplify support with comprehensive 24x7 hardware and software support to streamline problem resolution and optimize your multivendor environment.

ProSupport Plus

Critical systems need more than break-fix support — they need proactive and preventative measures to get ahead of problems before they happen. A dedicated Technical Account Manager who understands your environment and business objectives delivers regular health checks and performance recommendations, and is your single point of contact to facilitate account management and escalation resolution. As needed systems maintenance helps provide optimal performance and stability.

Speed of Response

With either offer choose the service level that best meets your needs. Same Day Service provides 4-hour or to 8-hour on-site parts and/or labor on-site support. Mission Critical² Service provides 2-hour, 4-hour or 8-hour on-site parts and/or labor on-site support and regular status updates for escalations.

ProSupport services help increase IT productivity while proactively preventing issues and reducing effort so you can focus on your goals and stay competitive in an ever-changing landscape.

Additional service offerings

Comprehensive storage training and certification

Provides expertise for integrating Dell storage into an existing IT infrastructure. For company compliance, an advanced Certification path is available for validating or maintaining skill sets.

Backup and recovery

Solutions that help ensure adequate procedures are in place to minimize or avoid data loss.

Storage consolidation

Our storage experts can analyze your existing infrastructure, operational practices and technical readiness, and develop a detailed consolidation deployment plan that includes a validated and refined solution design.

¹ For a copy of limited warranty, write Dell USA L.P., Attn: Warranties, One Dell Way, Round Rock, TX 78682 or visit Dell.com/warranty.

² For terms of service, please visit Dell.com/servicecontracts/global.

Feature	Technical Specification
Encryption	Library-managed encryption available with LTO-6 and later generation drives at point-of-sale only
Form factor	1U
Height	1.73 in (44 mm)
Width (chassis/bezel)	17.52 in/19.02 in (445 mm/483 mm)
Length (depth)	33.46 in (850 mm)
Weight	28.66 lb (13 kg)
Orientation	Horizontal only
Configurations	Rack-mount standard
Supported tape drive technologies	LTO-7, LTO-6, LTO-5, LTO-4
Barcode reader	Standard
Code updates	RMU or host bus for drives RMU only for library code updates
Partitioning support	No
Expansion capability	Ships standard with 9 cartridge magazine
Network interface	ADI T-10 Ethernet RJ-45 Serial RJ-11 IPv6 Phase 1 & 2 Ready and DoD APL
User interface	<p>Operator Control Panel Located on the front of the TL1000 tape library. Use the LCD panel to check system status, run diagnostics, check and set configurations, verify drive operations, run an inventory and manage the system.</p> <p>Remote Web Management (RMU) Access the web-based administration through a 10/100 BASE-T connection and any standard web browser. Use RMU to check system status, run diagnostics, view system logs, check and set configurations, verify drive operations, run an inventory, manage the system and upgrade drive and library firmware.</p>
Operating environmental	
Temperature	50 to 95 degrees F, 10 to 35 degrees C
Humidity	20% to 80% RH (non-condensing)
Power	
Electrical power	1.3 amps at 100 VAC, 0.7 amps at 240 VAC
AC power voltage	100-127 VAC; 200-240 VAC (4-2 A)
Line frequency	50-60 Hz

End-to-end technology solutions

Reduce IT complexity, lower costs and eliminate inefficiencies by making IT and business solutions work harder for you. You can count on Dell for end-to-end solutions to maximize your performance and uptime. A proven leader in Servers, Storage and Networking, Dell Enterprise Solutions and Services deliver innovation at any scale. And if you're looking to preserve cash or increase operational efficiency, Dell Financial Services™ has a wide range of options to make technology acquisition easy and affordable. Contact your Dell Sales Representative for more information.

Simplify data backup at Dell.com/Storage

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