



Dell PowerVault TL1000 Tape Autoloader

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

Expandable 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 offers expandability and 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 LTO-6, LTO-5 or LTO-4 tape drives.

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.

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

Designed to address the technology challenges you face today, Dell ProSupport² for IT provides 7x24 direct access to Dell Expert Centers, fast-track dispatch of parts and labor without phone troubleshooting when desired for Dell-certified technicians, and escalation management through Dell's Global Command Centers. In addition, Dell ProSupport options align with the way you use technology by providing rapid response to your needs, protecting your investment, productivity and sensitive data, and enhancing proactive support services to reduce the risk and complexity of managing your infrastructure.

Speed of response

With the Mission Critical option you get priority response for server and storage environments where avoiding unplanned downtime and reducing recovery time are critical. Includes priority 4-hr onsite service or optional 2-hr response with 6-hr hardware repair, Dell's proven Critical Situation process and emergency dispatch.

Premium proactive

With the Enterprise-Wide Contract option, you get enhanced, proactive capabilities via a designated Service Delivery Manager, performance benchmarking and custom reporting, and planning and assessments. Our Proactive Maintenance option proactively maximizes the availability and stability of your infrastructure. Includes a detailed system assessment and implementation of driver or firmware updates and upgrades for your server or storage systems. Remote Advisory options provides telephone and Internet access to technical expertise for specialized applications and solutions such as Microsoft Exchange, Virtualization, and more.

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 <http://www.dell.com/warranty>

² ProSupport Service Plans: Service may be provided by a third party. Technician will be dispatched if necessary in parallel with phone-based troubleshooting for severity level 1 issues on systems with ProSupport Mission Critical or Same Day Response service. Technician will be dispatched if necessary following phone-based troubleshooting for all other severity levels and on-site response service levels. Repair time is measured from dispatch time of the on-site response service. Subject to parts availability, geographical restrictions and terms of service contract. Service timing dependent upon time of day call placed to Dell. U.S. only.

Feature	Technical Specification
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-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	There are two user interfaces: <ul style="list-style-type: none"> Operator Control Panel: Located on the front of the PV TL1000 tape library. Use LCD panel to check system status, run diagnostics, view system logs, check and set configurations, verify drive operations, run an inventory and manage the system. Remote Web Management: Access the web-based administration through a 10/100 BASE-T connection and any standard web browser. Use to check system status, view system logs, check and set configurations, verify drive operations, run an inventory and manage the system. In addition, upgrade the drive and library firmware via the RMU
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

Simplify Data Backup at Dell.com/Storage.

