PowerVault 124T
Tape Autoloader

The Dell™ PowerVault™ 124T secure tape autoloader brings high density, expandable and remote management backup capabilities to small and medium businesses in a compact, affordable 2U form factor.

Expandable Automated Backup Delivers True Value

The Dell PowerVault 124T tape autoloader is designed to provide organizations with maximum secure storage capacity in a space and resource-saving 2U rack mount chassis. The affordable PowerVault 124T offers expandability and delivers features found previously only in high-end libraries.

Its magazine style architecture enables you to double your storage capacity by upgrading from eight to 16 cartridges. Plus, you have a choice of equipping the autoloader with LTO-3, LTO-2-L or VS160 tape drives. This forward compatibility can mean further cost savings by helping to ensure investment protection.

Administrative Ease Can Save Time and Money

The PowerVault 124T is designed to automate administrative backup tasks so that administrators can focus on other efforts. Remote management through any web-based browser provides the ability to oversee backup operations from any PC. Plus, automatic cartridge swapping helps reduce the risk for human error sometimes caused by manually switching cartridges. The PowerVault 124T's automated capabilities also simplify large or frequent backup scenarios.

Crafted for easy installation and use, the PowerVault 124T can quickly be implemented into existing networks. The removable eight-slot magazines enable fast bulk tape loading while the standard bar-code 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 124T offers seamless integration with customer networks. It works with different network operating systems such as Windows®, Linux® and NetWare®. Additionally, it supports leading backup applications including VERITAS® Backup Exec™, Yosemite™ Backup®, CommVault® Galaxy™ and LEGATO Networker®.

To help ensure compatibility and easy implementation, the PowerVault 124T 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 124T is a premier tape autoloader for busy administrators, delivering dense storage capacity in a 2U form factor at an affordable price.

Dell PowerVault 124T

GET MORE PERFORMANCE AND VALUE. **GET MORE OUT OF NOW.**

PowerVault 124T Tape Autoloader

DELL ENTERPRISE SERVICES

Dell Services can deliver the services you need to realize the full value of your IT investment. Complementing our award-winning products, these IT infrastructure services incorporate operational excellence, accountability and value.

By utilizing our best practices, proven processes and expertise in implementing standards-based technologies, we can help strengthen your IT infrastructure and enable you to adopt evolving technologies. Whether you need support, deployment, asset management, training, certification, planning or professional services – individually or bundled as a total solution – you can count on Dell.

Strengthening Your IT Infrastructure

Our planning services help integrate your new enterprise hardware into your existing or evolving IT infrastructure. We can provide guidance whether you're adding a single or multiple servers, storage area network or high-performance computing cluster.

We can also help you enhance the overall performance of your IT infrastructure and data center by consolidating software and hardware, developing a business continuity plan and migrating to standards-based technologies.

Simplifying Deployment

Dell simplifies implementation with comprehensive services that accelerate deployment of new hardware and IT solutions. During the initial system-build of your server, we can customize software and hardware to match your specific requirements. By helping you rapidly deploy new capabilities while minimizing disruptions, we can contribute to improved efficiencies and lower costs.

Our training services provide education and certification courses to help you better manage and use your new hardware so you can reap the full benefits of standards-based technologies.

Providing Award-Winning Service & Support

Your server and storage infrastructure is central to your business, which is why you need a partner who can help minimize downtime and keep your business-critical systems running efficiently. Our enterprise support services are designed to protect your entire enterprise or to focus on specific systems. These customizable services include hardware and software support with varied response levels, account management and remote resolution.

We can also help you enhance the performance of your data center and provide managed IT solutions and asset management services for your enterprise, desktop and notebook environments.

The Dell Enterprise Command Centers (ECC) – which utilize industry-leading technologies and tools that speed up problem resolution – efficiently route spare parts and direct expert technicians to your site.

Get the most from your new systems. Turn to Dell for the services you need to better plan, implement and maintain your IT infrastructure.

Services vary by region. For more information, please visit www.dell.com.

FEATURES	DESCRIPTION
RELIABILITY	
Mean cycles between failure (MCBF)	>400,000 cycles (excluding drive)
Mean time to repair (MTTR)	Less than 30 minutes
Typical cycle time	<20 seconds
Initialize element status	90 seconds (typical)
Mean cartridge load time	30 seconds
PHYSICAL	
Dimensions (H x W x D)	3.4" x 16.77" x 27.52" (8.64cm x 42.59cm x 69.90cm)
Number of slots	8 or 16
Drive types	LTO-3, LTO-2-L, VS160
Interconnect type	SCSI
Rack height	2U
Weight	31.1lbs. (14.10kg)
Interface	Ultra 160 LVD SCSI
Barcode reader	Standard on PV124T
ENVIRONMENTAL	
Temperature	
Operating	10° to 35°C
Non-operating	-40° to 65°C
Humidity	
Operating	20% to 80% RH; noncondensing
Non-operating	10% to 90% RH; noncondensing
POWER	
Requirements	90-256 VAC auto-ranging; 47-63 Hz
Inrush current	4.0 A (RMS) for 115 VAC
	4.0 A (RMS) for 230 VAC
Power consumption	60Hz = 75W; 50Hz = 80W
DRIVES AND PERFORMANCE	
Media	DLT VS1 (VS160), LTO-2 (LTO-2-L), LTO-3 (LTO-3) and LTO-3 WORM
Media backward read compatible	DLT IV, DLT1 (VS160), LTO-1 (LTO-2-L) and LTO-2, LTO-1 (LTO-3)
Maximum capacity (native)	1.2TB (VS160), 3.2TB (LTO-2-L) and 6.4TB (LTO-3)
Maximum native backup rate	8MB/second (VS160) 24MB/second (LTO-2-L) and 80MB/sec (LTO-3)

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Visit www.dell.com for more information.