

Dell™ PowerVault™ 132T Tape Library

The Dell™ PowerVault™ 132T Tape Library is a cost-effective, scalable, high performance tape automation solution for network or SAN backup, providing growing enterprise environments robust reliability and investment protection.

High Performance Automated Backups

To help organisations meet increasing data growth demands with limited IT budgets and shrinking backup windows, Dell offers the PowerVault 132T tape library. The PowerVault 132T tape library is a cost effective automated backup solution ideal for distributed backup or consolidated SAN backup environments.

The PowerVault 132T is offered with the latest tape technology so you can choose the platform that best meets your organisation's needs. Take advantage of high performance Linear Tape Open (LTO™) technology or choose the backwards-read compatibility with previous DLT formats offered by Super Digital Linear Tape (SDLTtape) technology. With room for two drives, the PowerVault 132T delivers up to 576GB/hr with LTO-3. The PowerVault 132T holds up to 24 LTO Ultrium cartridges for 9.6TB¹ (LTO-3) of native backup capacity or 21 SDLTtape cartridges for 3.3TB¹ of native capacity.

Investment Protection

The configuration flexibility of the PowerVault 132T provides incredible investment protection and enables the tape library to grow with your needs. The PowerVault 132T can be deployed with a single LTO or SDLT 320 tape drive for autoloader-type applications, and as your backup needs expand, a second tape drive can simply be added to increase backup throughput and meet more demanding backup requirements.

The PowerVault 132T also gives you the option of moving from an automated LAN-based backup solution to a SAN-based system with the addition of a 2GB/s fibre channel router or native FC-2 drives (LTO-3). And with a library mean time between failures of 100,000 hours, the PowerVault 132T helps protect your equipment investments by providing outstanding reliability. Plus, the PowerVault 132T is available in a rack-optimised 4U chassis or as a deskside model so it fits easily within virtually any environment and is flexible enough to meet your space requirements.

Simplified Manageability

The PowerVault 132T is designed with ease-of-use in mind. Through a remote management card, the PowerVault 132T tape library can be accessed and monitored via a Web browser. It enables you to remotely perform a variety of tasks such as diagnostics, updating library drives and library controller firmware, retrieving error codes, and performing pick and place functions. Also, the multi-function operator panel provides an easy to read display and five-button keypad for monitoring and controlling the operations of the library.

The standard barcode scanner enables easy media organisation, reading barcode labels and presenting label IDs to the LCD. Removable cartridge magazines allow for easy insertion and removal of tape cartridges. The magazine and rear storage slots employ a design that helps prevent the cartridges from being inserted incorrectly, helping to maximize library uptime.

The PowerVault 132T tape library offers organisations with growing data requirements a cost-effective automated solution that delivers high performance, scalable capacity, easy manageability and the flexibility to meet your changing needs.



Dell™ PowerVault 132T

Dell™ PowerVault™ 132T Tape Library

Dell™ Enterprise Services

By leveraging the proven advantages of our direct model, including tailored service and support, low cost and a single point of accountability, 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, or training and certification programs, individually or bundled as a total package, Dell™ promises to be your single point of accountability at all times.

Dell™ Enterprise Deployment Services Can Help Improve IT Efficiency

- Offers rapid and efficient installation hence rapid deployment of your new systems.
- Modular suit of installation services that includes on-site installation³, configuration, and mounting onto Dell-supported racks.
- Dell's Enterprise Deployment Team (EDT) consists of Dell engineers and partners trained to install high-end configurations quickly and correctly the first time, every time.

Dell™ Training and Certification Can Help Your Staff Keep Up with New Technology

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, or in a classroom setting, to help your organisation take full advantage of information technology.

Premier Enterprise Support Service Provides Your Enterprise with the Support to Meet Your Needs

Technology is a significant investment, and it pays to have a partner who can help you minimise costly downtime. Through our Premier Enterprise Support Services (PESS) offerings, Dell™ provides tiered support service packages with the flexibility to customise 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.

- Standard hardware warranty is one year Next-Business-Day On-Site³ Service and 24x7 phone-based technical helpdesk (toll-free).
- Optional warranty extension for up to five years.
- E-support tools at support.ap.dell.com to effectively enable customers to self-diagnose problems and in resolving hardware and software issues faced on their Dell systems and support email assistant at www.support.ap.dell.com
- Optional upgrade services to help keep your systems operating at peak performance include 4-hour³ response, 2-hour³ response and PESS GOLD service.
- Complex Installation and Project Management Services for storage and servers solutions including Storage Area Networks (SAN), Network Area Networks (NAS) and Fibre Channel Clustering (FCC) are also available.

For more details on services offerings, kindly contact your Dell representative or visit <<http://www.dell.com/ap/services>>

Penang, Malaysia

Dell Asia Pacific Sdn. - Asia Pacific
Customer Center
Plot P27 Bayan Lepas Industrial Zone
Phase IV, 11900 Bayan Lepas
Penang, Malaysia

Australia

Dell Australia Pty. Ltd.
Unit 3, 14 Aquatic Drive
Frenchs Forest, NSW 2086
Australia

Hong Kong

Dell Hong Kong Ltd.
1001 Stanhope House
734 - 738 King's Road
Quarry Bay, Hong Kong

India

Dell India Private Limited
Divyashree Greens, Ground Floor
S. No. 12/1, 12/2A, 13/1A (Ground Floor)
Varthur-Hobli
Bangalore 560071, India

Malaysia

Dell Asia Pacific Sdn.
Unit 5.01, PJ Tower, Amcorp Trade Centre
18 Jalan Persiaran Barat, off Jalan Timur
46250 Petaling Jaya
Selangor, Malaysia

New Zealand

Dell New Zealand Limited
Unit 1A, Pacific Office Park
4, Pacific Rise, Mount Wellington
Auckland, New Zealand

Singapore

Dell Asia Pte. Ltd.
Co. Reg. No. 198905101W
180 Clemenceau Avenue #06-01
Haw Par Centre, Singapore 239922

Taiwan

Dell B.V. Taiwan Branch
20F, No. 218, Sec. 2, Tung Hwa S. Road
Taipei, Taiwan, R.O.C.

Thailand

Dell Corporation (Thailand) Co. Ltd.
24th Floor Unit 2407, Empire Tower III
195 South Sathorn Road,
Yannawa Sathorn
Bangkok 10120 Thailand

FEATURES	SDLT 320	LTO-3
DRIVES AND PERFORMANCE		
Cartridge capacity	1 to 21 SDLT cartridges	1 to 24 LTO cartridges
Drive count capacity	1 or 2 SDLT drives	1 or 2 LTO drives
Magazines	Up to two six-slot magazines	Up to two seven-slot magazines
Barcode reader	Standard	Standard
NATIVE DRIVES AND PERFORMANCE		
Drive cartridge capacity	160GB ²	400GB ²
Library capacity	3.3TB ¹	9.6TB ¹
Transfer rate per drive	16MB/s	80MB/s
Media	SDLTtape1	LTO-2, LTO-3, LTO-3 WORM
OPERATIONS		
Operator panel	Password-protected, context-sensitive LCD menu display with backlight	
Remote management	Integrated web serve (Remote Management Unit – RMU)	
Interface	LVD SCSI, optional integrated 2Gb/s fibre channel router, optional native FC-2 (LTO-3)	
SCSI connection	68-pin micro-D	
RELIABILITY		
Mean swaps between failures	500,000 swaps	
Mean time between failures	100,000 hours	
Diagnostics	Auto calibration, auto inventory, self-test, SNMP alerts via RMU	
PHYSICAL		
Dimensions (H x W x D)	6.84" x 17.7" x 24.44" (173.7mm x 449.6mm x 620.8mm)	
Rack height	4U	
Shipping weight	65 lb (29.5 kg)	
ENVIRONMENTAL		
Temperature		
Dry bulb (operating)	50° F to 100° F (10° C TO 38° C)	
Dry bulb (non-operating)	50° F to 113° F (10° C TO 45° C)	
Wet bulb (operating)	84° F (29° C)	
Wet bulb (non-operating)	90° F (32° C)	
Humidity		
Relative Humidity (operating)	10% to 90%	
Relative Humidity (non-operating)	10% to 90%	
POWER		

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

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

3 Technician, replacement part or unit (depending on service contract) will be dispatched if necessary following phone-based troubleshooting. Subject to parts availability, geographical restrictions (on site and/or next business day service not available in some locations) and terms of service contract. Service timing dependent upon time of day call placed to Dell. Defective unit must be returned or paid for. Replacements may be refurbished.

DELL'S NORMAL TERMS AND CONDITIONS APPLY AND ARE AVAILABLE ONLINE OR UPON REQUEST. All efforts will be made to check for errors in typography and photography; however inadvertent errors may occur for which Dell may not be responsible. Dell, the Dell logo, PowerVault and PowerEdge™ are registered trademarks or trademarks of Dell Inc. Other trademarks and trade names may be used in this document to refer to either the entities claiming marks and names or their products. Dell disclaims proprietary interest in the marks and names of others.

©Copyright 2005 Dell Inc. All rights reserved.

