



Dell PowerVault tape automation

	PowerVault TL1000 tape autoloader	PowerVault TL2000	PowerVault TL4000
	Up to 22.5TB (native)	Up to 60TB (native)	Up to 120TB (native)
	Entry-level tape automation for large servers or small workgroups	Network backup or entry-level SAN backup	
Features			
Drive type	LTO-4, LTO-5, LTO-6	LTO-4, LTO-5, LTO-6	LTO-4, LTO-5, LTO-6
Number of drives	1	Up to 2	Up to 4
Number of cartridges	9	24	48
Import/export slots	1	1	3
Form factor	1U	2U	4U
Chassis	Desktop or rackmount	Rackmount (desktop conversion kit included)	
Media	LTO-4: LTO-2 (read only), LTO-3, LTO-3 WORM, LTO-4, LTO-4 WORM LTO-5: LTO-3 and LTO-3 WORM (read only), LTO-4, LTO-4 WORM, LTO-5, LTO-5 WORM LTO-6: LTO-4 and LTO-4 WORM (read only), LTO-5, LTO-5 WORM, LTO-6, LTO-6 WORM	LTO-4: LTO-2 (Read Only), LTO-3, LTO-3 WORM, LTO-4, LTO-4 WORM LTO-5: LTO-3 and LTO-3 WORM (Read Only), LTO-4, LTO-4 WORM, LTO-5, LTO-5 WORM LTO-6: LTO-4 and LTO-4 WORM (Read Only), LTO-5, LTO-5 WORM, LTO-6, LTO-6 WORM	
Max native capacity ¹	LTO-4: Up to 7.2TB LTO-5: Up to 13.5TB LTO-6: Up to 22.5TB	Up to 60TB	Up to 120TB
Max native backup rate per drive ²	LTO-4: 120MB/s, 432GB/hr LTO-5: 140MB/s, 504GB/hr LTO-6: 160MB/s, 576GB/hr	LTO-4: 120MB/s, 432GB/hr LTO-5: 140MB/s, 504GB/hr LTO-6: 160MB/s, 576GB/hr	
Interface	6Gb SAS	6Gb SAS, 8Gb/s FC, 1Gb iSCSI	
Software supported	Dell™ NetVault Backup, Computer Associate Arcserve™, Symantec Backup Exec™, CommVault Simpana™		
Library managed encryption	Available on PowerVault™ ML6000, PowerVault TL4000, and PowerVault TL2000 configured with LTO-4, LTO-5 and/or LTO-6 drives		
Included services	Limited Warranty ³ , 30-Day Getting Started Phone Support ⁴ , E-support, and Next Business Day On-Site Service ⁵		

PowerVault ML6000 tape libraries						
Scalability to a maximum of 1PB (native) ¹						
Scalable SAN backup base models will scale to full 41U with addition of ML6000 EM (9U expansion modules)						
Features	ML6010	ML6020	ML6030	ML6000EM	32U (ML6030 + 1 ML6000 EM)	41U (ML6030 + 2 ML6000 EM)
Drive type	LTO-5 and LTO-6					
Number of drives	Up to 2	Up to 6	Up to 10	Up to 4	Up to 14	Up to 18
Number of cartridges	41	133	225	46 or 92	317	409
Import/export slots	6	6, 12 or 18	6, 12, 18, 24 or 30	6	6, 12, 18, 24, 30, 36 or 42	6, 12, 18, 24, 30, 36, 42, 48 or 52
Form factor	5U	14U	23U	9U	32U	41U
Chassis	Rackmount					
Media	LTO-5: LTO-3 and LTO-3 WORM (read only), LTO-4, LTO-4 WORM, LTO-5, LTO-5 WORM LTO-6: LTO-4 and LTO-4 WORM (read only), LTO-5, LTO-5 WORM, LTO-6, LTO-6 WORM					
Max native capacity ¹	102.5TB	332.5TB	562.5TB	230TB	792.5TB	1PB
Max native backup rate ²	Up to 320MB/s, 1.15TB/hr	Up to 960MB/s, 3.45TB/hr	Up to 1600MB/s, 5.76TB/hr	Up to 640MB/s, 2.3TB/hr	Up to 2240MB/s, 8.06TB/hr	Up to 2880MB/s, 10.37TB/hr
Interface	6Gb SAS, 8Gb/s FC					
Software supported	Dell NetVault Backup, Computer Associate Arcserve, Symantec Backup Exec, CommVault Simpana					
Library managed encryption	Available on PowerVault ML6000, PowerVault TL4000 and PowerVault TL2000 using LTO-4, LTO-5 or LTO-6 drives					
Included services	Limited Warranty ³ , 30-Day Getting Started Phone Support ⁴ , and Next Business Day On-Site Service ⁵					

¹ GB means 1 billion bytes and TB means 1 trillion bytes. Actual capacity varies with preloaded material and operating environment and will be less.

² Actual performance is dependent on settings, user environment and applications.

³ For a complete copy of our guarantees or limited warranties, please visit <http://www.dell.com/warranty> or write to Dell USA L.P., One Dell Way, Round Rock, Texas 78682, Attn: Warranties.

⁴ Telephone support provides help with installation, optimization and configuration questions during the critical 30-day period after shipment of your systems.

⁵ 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.

Simplify Data Archive at Dell.com/Storage

