TANDBERG DATA

Securing your Information

Tandberg Magnum 448 LTO Tape Library

Scalable, affordable and user firendly.

The Tandberg Magnum 448 Tape Library is redefining the term tape library by offering a scalable, affordable and user-friendly tape library targeted for mid-sized businesses to low-end enterprise and departmental users.

The Magnum 448 offers up to 76.8TB* of compressed data storage—all in a space-saving 4U form factor—a great combination of capacity and space-saving efficiencies.

Tandberg Data understands that your data needs change over time, so we've created the 448 to easily scale 'on demand' from a 1x48 to a 4x48 tape library.

Adding additional LTO tape drives can be installed while the library is still in its rack— saving you time and the need to shut the unit down while drives are added.

When you upgrade from a half height LTO-2 drive to a half height or full height LTO-3 SCSI or native fibre channel drive you can double your drive capacity and can more than triple the drive speed of half height LTO-2. Upgrading to LTO-4, SCSI or fibre channel, provides you with four times the capacity and more than triple the drive speed of LTO-2 half height.

To assist you in meeting the numerous data archiving regulations, the Magnum 448 LTO-3 and LTO-4 leverage the Write Once, Read Many (WORM) technology, which allows you to store data in a non-erasable, non-rewritable format.

Key Benefits

Scalability
Scales "on demand " with upgrade drives from a 1x48 up to a 4x48 library, with one to four half-height LTO-2 drives or one to two full-height LTO-3 or LTO-4 drives. (SCSI or native fibre channel) Upgradeable in the field!

Blazing Transfer Rates
Delivers up to 9.6 to 76.8TB* of capacity at a transfer rate of up to over 1.7TB per hour*

Reliability
Tandberg Data's award-wining patented robotics is built on its 25-year legacy of superior engineering, quality and reliability

Economies of Scale
Our automation systems are designed to share electronics and process or architecture with drives

Minimize Downtime
One-year warranty with 5x9 next day business day of On-Site Service included

Industry-Leading Standard Features
Includes a rack kit, Ethernet with remote management and a bar code reader. Warranty is for one year with 5x9 next business day on site service

The Magnum 448 LTO tape library is a space-saving format that is easily field upgradeable.

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Specifications

	Tandberg Magnum 448 LTO-2	Tandberg Magnum 448 LTO-3	Tandberg Magnum 448 LTO-4
Capacity*	9.6TB/19.2TB	19.2TB/38.4TB	38.4TB/76.8 TB
Transfer Rate Native/Compressed*	86GB/691GB/hr	288GB/1152GB/hr	864GB/1720GB/hr
Interface	HD LVD SCSI	HD LVD SCSI, Native Fibre Channel	HD LVD SCSI. Native Fibre Channel
Reliability	Tape Drive Mean Time Between Failures (MTBF) >250,000 Mean time to repair: <20 minutes Non-disruptive serviceability: drive FRU, no disconnection of interface cables required. Ethernet and serial ports for diagnostics and reporting		
Cartridge Access Time	With Barcode Labels: 5 seconds Without Barcode Labels: 20 seconds		
Temperature	10C to 40C (50F to 104F) Operating; –40 C to 65C (-40F to 149F) Non-operating		
Relative Humidity (non-condensing)	20 to 80% Operating; 10 to 90% Non-operating		
Power	100 to 240 VAC, 50 to 60 Hz Library (maximum operating): 139 W RMS Auto switching power supply		
Agency Certifications	CE, UL, CUL, FCC-A, VCCI, C-TICK, GS, IEC-60950-1, WEEE, ROHS		
Warranty	1-Year Warranty with 5x9 Next Business Day On-Site Service(OSS)		
Software Compatability	The Magnum 448 is compatible with all major backup applications and operating systems.		

*Assumes a 2:1 compression ratio

Form Factors		Shipping Dimensions	
Height:	29.0 in. (77.54 cm) 4U rack height	35.95 in. (91.31 cm)	
Width:	17.57 in. (44.63 cm)	23.2 in. (58.93 cm)	
Length:	6.95 in. (17.65 cm)	19.8 in. (50.29 cm)	
Weight:	69.5 lbs. (31.5 kg)	118.6 lbs. (53.8 kg)	

About Tandberg Data: Tandberg Data is a leading global supplier of backup and archiving technologies. Tandberg Data offers a complete range of tape libraries, tape autoloaders and tape drives (based on the LTO™, SLR™, VXA® tape technology platforms), storage software, data media and disk-based storage such as the RDX™ QuikStor. These solutions are marketed exclusively through a channel of qualified resellers and distributors. These solutions are underpinned by OEM agreements with major server manufacturers including IBM, Hitachi, Fujitsu, Fujitsu-Siemens, Apple and Dell and supported by all major operating systems and storage software applications to operate in heterogeneous network environments. All solutions are designed to meet the growing storage requirements of small and medium-sized organisations with scalability, reliability and backward compatibility features that ensure cost effective operation and long-term investment protection.

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