

The new Tandberg StorageLoader™ LTO2

Highest storage density and most efficient cartridge loading of any LTO autoloader

The Industry's first 1U LTO2 Autoloader



Highlights:

- 3.2 TB* compressed storage capacity in a 1U form factor
- Fast transfer rate up to 48 MB*/s to maximize limited backup windows
- Removable magazines for bulk loading and easy off-site storage
- Multi-lingual web based remote management for easy system monitoring
- Field replaceable tape drive, power supply and fans to minimize downtime and reduce TCO
- Optional barcode reader for fast inventory scanning
- 3-years warranty

* 2:1 Hardware Data compression

Tandberg StorageLoader LTO2 offers the highest storage density of its class

Businesses today have increasing amounts of data that need to be secured while continuing to be challenged by limited backup windows and resources to administer the backup process. With limited budgets, user options for affordable backup solutions that could meet their capacity and performance requirements were limited. Until now. The new Tandberg StorageLoader delivers an automated backup solution with up to 3.2TB* of storage capacity in a compact 1U form factor, providing the best data density on the market at a cost comparable to standalone tape drives. By simplifying the robotics structure and cartridge loading mechanism, Tandberg created a 1U form factor for the StorageLoader that allows the user to maximize valuable IT rack space.

Advanced Features & Performance

The StorageLoader uses the Tandberg 420LTO tape drive. This LTO-2 half-height drive offers the lowest power consumption (18W) of any LTO tape drive, its unique airflow design minimizes heat dissipation throughout the drive for greater reliability and increased MTBF.

Tandberg's "smart gripper" technology securely locks the media leader pit to help insure positive tape loading. These, and other, advanced features provide a highly reliable StorageLoader design.

Flexibility & Convenience

The Tandberg StorageLoader provides a unique cartridge load design with two 4-slot removable magazines storing a total of 8 data cartridges. Each magazine may be ejected through the LCD user interface and there is an emergency eject feature for the magazines in case of power failure. Convenient labeling of the eight data cartridges (or 7 plus a cleaning cartridge) in two magazines provides labeled media and controlled storage for quick, convenient and accurate off-site storage. To facilitate disaster recovery plans bulk loading and off-site storage are easily handled for increased security and convenience.

Low TCO

Total cost of ownership and minimum down time are designed into the StorageLoader construction. The tape drive, power supply and fans are all field replaceable without removing the autoloader from the rack. Due to this efficient design there's no need for expensive onsite service contracts and/or the need to send the autoloader back to the factory if some malfunction occurs. With quality in mind, the StorageLoader's metal construction provides an extremely robust and rugged solution for long term operation.

Best-in-Class Choice

The convenience and reduced administrative resources of an automated solution and a mid-range feature set at a budget-friendly cost makes the Tandberg StorageLoader LTO2 a "best-in-class" choice for small to medium businesses moving to automated backup from traditional standalone tape drives.

Tandberg StorageLoader™ LTO2

Technical specifications

The Tandberg StorageLoader includes a rackmount kit, SCSI cable, terminator and Ethernet cable and comes with a standard 3 year warranty backed by Tandberg Data's more than 25 years of experience in linear tape technology research, design and manufacturing.

Drive and capacity

Form Factor:	1U / 19" rack
Number of Drives:	1
Number of Cartridges:	8
Number of Cartridges per Magazine:	4
Number of Magazines:	2
Drive Technology:	Tandberg 420LTO (LTO2 HH)
Drive Buffer Size:	64 MB
Native Capacity:	1.6 TB
Compressed Capacity*:	3.2 TB
Compression Algorithm:	SLDC
Sustained Transfer Rate:	24 MB/sec 86 GB/h
Compressed Transfer Rate*:	48 MB/sec 173 GB/h
Burst Transfer Rate:	80MB/sec
Compatibility Write:	LTO1/2
Compatibility Read:	LTO1/2
Interface:	Ultra 160 SCSI/LVD

Operation

Web Administration:	Review System Status, Drive Operations, Remote Diagnostics, Remote Management
System Interface:	LC display, media configuration and diagnostic status, Power and Alarm LED; 4-Button Keypad
Language Support:	English, French, German, Italian, Japanese and Spanish
Barcode Reader:	Optional
Removable Magazines:	Yes
Soft Power:	Yes
Field Changeable Drives, Power Supply and Fans:	Yes
MSBF:	500,000
MTBF:	250,000 hours

Dimensions / Weight

Dimensions:	Depth: 740mm / 29.13"
Weight:	14.6 kg

Environmental

Temperature (operating):	+10 °C to 35 °C
Temperature (non-operating):	- 35 °C to 60 °C
Humidity (operating):	20% to 80%
Humidity (non-operating):	10% to 90%
Electrical:	90-264 V AC; 47 Hz to 63 Hz

Certification

Power Consumption (Cold start):	less than 30A at 115VAC, less than 60A at 230VAC
Certification Marks:	CE, UL, C-UL, GS / TÜV, VCCI, C-Tick
Safety:	UL-60950 / C-UL C22.2 No.60950; TÜV EN60950
EMC	FCC, Part 15, Class A; EN55022, Class A; EN61000-3-2; EN61000-3-3; IECS-003, Class A: CISPR22; Class A, EN55024
Warranty:	3 years

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