

TANDBERG 420LTO

Intelligent Data Protection



TANDBERG
420LTO
Half Height LTO2 Power



Fastest & Smallest Half-Height LTO In The Market

The Tandberg 420LTO half height LTO2 tape drive offers the industry's fastest transfer rates with high capacity to minimize backup times. Its compact size provides simple and easy integration into all servers and workstations.

Lowest Power Consumption For Higher Reliability

Offering the lowest power consumption among LTO tape drives in the market, The Tandberg 420LTO has a unique airflow design that eliminates the need for a noisy fan and minimizes heat dissipation throughout the drive for greater reliability and increased MTBF.

Easy Scalability To Protect Investments

Fully compatible with the LTO Ultrium 2 format, the Tandberg 420LTO tape drive protects a company's investment by offering full read/write compatibility with LTO1 tape drives and media. It is the first LTO tape drive offered from a 5 generation half height value-priced LTO roadmap. The Tandberg 420LTO is also available in the Tandberg StorageLoader, the industry's first 1U LTO autoloader offering 3.2 TB* of automated storage capacity.

This half-height compact tape drive is the fastest and smallest in its class, delivering the economic value and high performance required for the SMB market.

Special Features

- Capacity: Up to 400 GB* at an affordable price delivering
- Transfer rate: Up to 48 MB/s* to meet today's shrinking backup windows
- Lowest cost per GB with enterprise level features
- Low power consumption and unique airflow design to increase reliability and lower total cost of ownership
- Compact dimensions to permit mounting in any standard half-height 5 1/4 inch bay
- Automatic variable transfer rate to match host transfer speed and shorten backup times
- 3 years warranty

Enterprise Level Performance

The Tandberg 420LTO features an automatic variable transfer rate to match host transfer speeds, as well as a state of the art Ultra320 SCSI interface, providing maximum data throughput and backup and restore time.

Cartridge Environment Secures Data

Tandberg Data's patented "Smart Gripper" technology securely locks the media leader pin to help ensure positive tape loading. The drive also includes an embedded media management feature for intelligent diagnostics and tape alerts along with an automatic head cleaning brush for advanced preventive maintenance and reduced down time.

Low Cost Per Gigabyte

An affordable entry level cost, high performance combined with enterprise level reliability and features make the Tandberg 420LTO the best price/performance tape drive in the industry.

Designed With Quality In Mind

The Tandberg 420LTO is backed by Tandberg's more than 25 years of experience in linear tape technology research, design and manufacturing.

* Assuming 2:1 data compression

Technical Specifications

Tandberg 420LTO

TECHNICAL SPECIFICATIONS	
Characteristics	
Tape drive type	LTO Ultrium 2 Half Height
Capacity	200GB / 400GB*
Transfer rate	24MB/s / 48MB/s*
Burst transfer rate	320MB/s
Buffer size	64MB
Data compression	LTO-DC (enhanced version of ALDC), Inline hardware compression
Interface	Ultra 320
Number of data tracks	512 (LTO2)
Data cartridge	LTO Ultrium 1 & 2 Tape
Recording format	LTO1 / LTO2
File access time	76 seconds
Backward compatibility	Read / Write compatible with LTO Ultrium 1 format
Tape Alert compliant	Yes
Reliability	
MTBF (h)	250,000 @ 100% duty cycle
Hard Read Error rate	1 x 10 ¹⁷ bytes per permanent read error
Mean Time To Repair	< 30 minutes
Tape Motion	
Tape speed Read/Write	LTO2: 166ips; LTO1: 172ips
Wind/Rewind	Both formats: 200ips
Dimensions / Weight	
Dimensions (Internal Drive)	41.3 x 146 x 214 mm
Weight	1.4 kg
Dimensions (External Drive)	59 x 198 x 257 mm
Weight	2.9 kg
Environmental Specifications	
Operating temperature	41° to 104° F (10° to 40° C)
Storage temperature	-22° to 104° F (-30° to 60° C)
Relative humidity	20% to 80% (non-condensing)
Maximum wet bulb temperature	+10°C / hour (non-condensing)
Power Requirements	
Power dissipation	9W (Sleep) , 18W (Motor running with cartridge inserted)
Internal Drive	5V - 2.1A, 5V(Sleep) - 1.2A, 12V (motor running) - 0.8A, 12V (motor not running) - 0.1A
External Drive	100 - 240 V ac / 0.6 - 0.3A, 50 - 60Hz
Certification	
EMC	FCC, Part 15 ClassB; EN55022, Class B; IECS-003, Class B; CISPR22; Class B, EN55024
Certification Marks	CE, UL, C-UL, GS/TUV, VCCI, C-Tick
Safety	UL-60950/C-UL C22.2 N0 8950; TUV EN 60950
Warranty	
Internal/External drive	3 years warranty

For more information, kindly contact your Tandberg Data sales representative or authorised distributor, or visit www.tandberg.com.sg

* Assuming 2:1 data compression

Tandberg Data ASA, Kjelsåsveien 161, P.O. Box 134, Kjelsås, N-0411 Oslo, Norway
Tel: +47 22 18 90 90 Fax: +47 22 18 95 50

Tandberg Data (Asia) Pte Ltd, 20 Bendemeer Road, #04-05 Cyberhub, Singapore 339914
Tel: +65 6396 0786 Fax: +65 6396 0787

Tandberg Data (Asia) Pte Ltd Shanghai Rep Office, Suite 817, Pine City, 777 Zhao Jia Bang Road, Shanghai 200032
Tel: +86 21 6443 6126 Fax: +86 21 6443 6157

Your Dealer: