

LTO Ultrium Tape Media

The industry standard
for superior offline
reliability



Key Benefits

- High capacity, with as much as 45TB of compressed data stored on each LTO cartridge
- Integrated cartridge memory for enhanced drive performance, holds information usable by applications and aids serviceability
- The durable cartridge reduces damage during transport, enriching the media reliability
- A variety of choices of media types and services, including custom barcode labeling
- Supports businesses that require solutions for regulatory compliance in data retention and archiving
- Designed for a 30-year archival life and 260 full tape backups
- Limited lifetime warranty

Overland-Tandberg

Overland-Tandberg “best in class” data storage and archive solutions enable organizations, of all sizes, to securely manage and protect their digital assets.

Our superior technologies and services expertise translate into data management solutions that are powerful, yet easy to use.

Overland-Tandberg LTO Tape Media

Protection is the most significant part of a data management plan. Today’s business environments rely on the availability and access to digital assets. LTO tape technology is the industry standard for superior offline reliability and lowest overall cost of storage.

- LTO Ultrium meets modern work flow performance and capacity requirements.
- LTO’s twelve-generation roadmap supports future storage requirements for replication, backup and archive.
- Overland-Tandberg branded LTO Ultrium tape media cartridges and cleaning cartridges are recommended for use with all Overland-Tandberg LTO tape drives, tape autoloaders and tape libraries.
- Overland-Tandberg LTO tape media ensures the availability and security of your data. With over 25,000PB (25 Exabytes) of data stored on LTO media worldwide, LTO media provides the absolute lowest cost per gigabyte and highest reliability for long-term data storage when compared with alternative archive media.

Specifications	LTO-9 ⁽³⁾	LTO-8	LTO-7	LTO-6
Capacity (native)	18TB	12TB	6TB	2.5TB
Capacity (compressed) ⁽¹⁾	45TB	30TB	15TB	6.25TB
Includes Barcode Labels? ⁽²⁾	Yes			
Number of Tracks	8,960	6,656	3,584	2,176
Tape Length	1,035m	960m	960m	846m
Tape Thickness	5.2µm	5.6µm	5.6µm	6.1µm
Bit Density	21.5kb/mm	20.7kb/mm	19.1kb/mm	15.14kb/mm
Cartridge Weight	0.65 lbs. (0.3kg)			
Temperature (operating)	50 - 113°F (10 - 45°C)			
Humidity (operating)	10 - 80%			
Temperature (storage)	61 - 89°F (16 - 32°C)			
Humidity (storage)	20 - 80%			
Durability (nominal)	1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups			
Archival Life	30 years			
Standard Warranty	Limited Lifetime			

(1) Assumes 2.5:1 compression ratio

(2) Refer to Overland-Tandberg price list for details

(3) Overland-Tandberg LTO-9 media available 4/1/22

Tape Drive/Media Compatibility Matrix

		Media								
		LTO-9	LTO-8	LTO-7	LTO-6	LTO-5	LTO-4	LTO-3	LTO-2	LTO-1
Drives	LTO-9	R/W	R/W							
	LTO-8		R/W	R/W						
	LTO-7			R/W	R/W	Read				
	LTO-6				R/W	R/W	Read			
	LTO-5					R/W	R/W	Read		
	LTO-4						R/W	R/W	Read	
	LTO-3							R/W	R/W	Read
	LTO-2								R/W	R/W
	LTO-1									R/W



Sales and support for Overland-Tandberg products and solutions are available in over 100 countries. Contact us today at salesemea@overlandtandberg.com. Visit OverlandTandberg.com.