

Rethink **Backup**  
and **Archive**  
with **LTO Tape Drives**  
**BIGGER. BETTER. FASTER.**

# LTO Ultrium Tape Drives



## Overland-Tandberg LTO Ultrium Tape Drives

When it comes to LTO, Overland-Tandberg is your go-to-source for protecting, backing up and archiving your business-critical data. Our LTO tape drives protect your server data by providing simple, affordable backup, archive and disaster recovery.

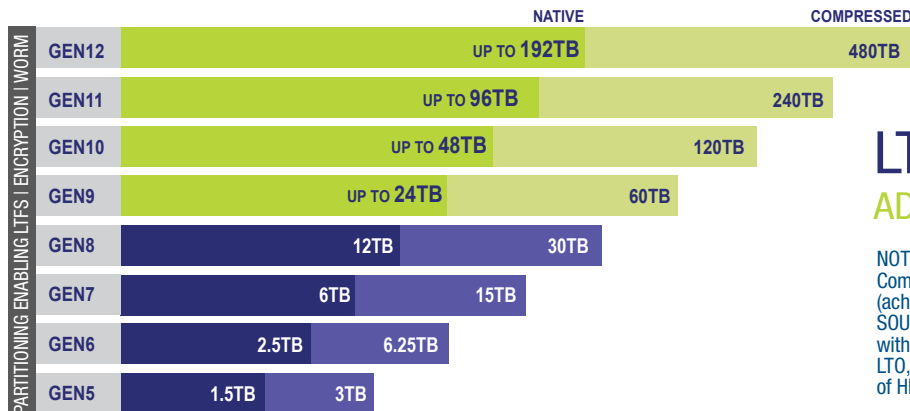
With superior performance and capacity, and available in both internal and external configurations, Overland-Tandberg LTO Ultrium tape drives are ideal for backing up and archiving data on single workstations or small networks. Features such as 256-bit Advanced Encryption Standard (AES) ensure that data contained on the cartridges is secure for archiving and off-site transportation.

Our Linear Tape File System (LTFS) functionality, available since we shipped LTO-5, enables users to easily drag and drop files to tape just as they would with disk drives. Compatible with Windows, Linux and Mac OS environments, LTFS functionality eliminates the need for backup software and provides ease of data exchange between users.

We have the LTO solution to meet your data capacity requirements today and well into the future. With a twelve-generation roadmap, LTO tape drive technology is a clear choice for backup and archive continuity in small and medium-sized businesses.

### Key Benefits

- Backup as much as 30TB of data on a single cartridge
- Reduce your backup window and use of server and network resources with high-performance data transfer rates
- Maximize your investment and ensure that your data is safe with proactive drive and media management
- Secure confidential information and address compliance issues with hardware data encryption and WORM support
- Ensure effortless connectivity with widespread server and backup software support
- Provide backward compatibility to legacy tape cartridges in automation environments



## LTO ULTRIUM ROADMAP

### ADDRESSING YOUR STORAGE NEEDS

NOTE: Compressed capacities for generations 1-5 assume 2:1 compression. Compressed capacities for generations 6-10 assume 2.5:1 compression (achieved with larger compression history buffer).  
SOURCE: The LTP Program. The LTO Ultrium roadmap is subject to change without notice and represents goals and objectives only. Linear Tape-Open, LTO, the LTO logo, Ultrium, and the Ultrium logo are registered trademarks of HP, IBM and Quantum in the US and other countries.

Overland-Tandberg LTO Ultrium tape drives are just one of many products in an entire line of NEO LTO-based storage solutions. Whether you need the simple storage capacity of a single tape drive, or the convenience, reliability, data availability and superior cost of ownership of a NEO Series LTO automated tape library, Overland-Tandberg has the solution that's right for you.



## Tape Drive Specifications

	LTO-8	LTO-7	LTO-6	LTO-5
Capacity (native)	12TB	6TB	2.5TB	1.5TB
Capacity (Compressed)	30TB	15TB	6.25TB	3.0TB
Transfer Rate (native)	300MB/s (1TB/hr.)	300MB/s (1TB/hr.)	160MB/s (576GB/hr.)	140MB/s (504GB/hr.)
Transfer Rate (compressed)	750MB/s (2.7TB/hr.)	750MB/s (2.7TB/hr.)	400MB/s (1.4TB/hr.)	280MB/s (1TB/hr.)
Ratio	2.5:1	2.5:1	2.5:1	2:1
Interface	6Gb SAS/SFF 8088	6Gb SAS/SFF 8088	6Gb SAS/SFF 8088	6Gb SAS/SFF 8088
Configurations	Internal; external/desktop	Internal; external/desktop	Internal; external/desktop	Internal; external/desktop
Internal Dimensions (HxWxD)	1.7 in. x 5.8 in. x 8.3 in. 43.2mm x 147.3mm x 210.8mm	1.7 in. x 5.8 in. x 8.3 in. 43.2mm x 147.3mm x 210.8mm	1.7 in. x 5.8 in. x 8.3 in. 43.2mm x 147.3mm x 210.8mm	1.7 in. x 5.8 in. x 8.3 in. 43.2mm x 147.3mm x 210.8mm
External Dimensions (HxWxD)	2.3 in. x 8.4 in. x 13.1 in. 58.4mm x 213.4mm x 332.7mm	2.3 in. x 8.4 in. x 13.1 in. 58.4mm x 213.4mm x 332.7mm	2.3 in. x 8.4 in. x 13.1 in. 58.4mm x 213.4mm x 332.7mm	2.3 in. x 8.4 in. x 13.1 in. 58.4mm x 213.4mm x 332.7mm
Internal Weight	3.7 lbs. / 1.7 kg	3.7 lbs. / 1.7 kg	3.7 lbs. / 1.7 kg	3.7 lbs. / 1.7 kg
External Weight	9.4 lbs. / 4.3 kg	9.4 lbs. / 4.3 kg	9.4 lbs. / 4.3 kg	9.4 lbs. / 4.3 kg
Read/Write Compatibility	Write: LTO-7 Read: LTO-7	Write: LTO-7, LTO-6 Read: LTO-7, LTO-6, LTO-5	Write: LTO-6, LTO-5 Read: LTO-6, LTO-5, LTO-4	Write: LTO-5, LTO-4 Read: LTO-5, LTO-4, LTO-3
MTBF (Mean Time Between Failure)	250,000 hours @100% duty cycle	250,000 hours @100% duty cycle	250,000 hours @100% duty cycle	250,000 hours @100% duty cycle
Buffer Size	1024MB	1024MB	512MB	256MB
Data Rate Matching (native)	112-365MB/s	101-306MB/s	40-160MB/s	40-140MB/s
Power Consumption (maximum)	30 watts	24 watts	24 watts	24 watts
Temperature (operating)	50° - 105°F 10° - 40°C	50° - 105°F 10° - 40°C	50° - 105°F 10° - 40°C	50° - 105°F 10° - 40°C
Humidity (operating)	20-80% (non-condensing)	20-80% (non-condensing)	20-80% (non-condensing)	20-80% (non-condensing)
Standard Warranty	3 yr. bronze advanced exchange	3 yr. bronze advanced exchange	3 yr. bronze advanced exchange	3 yr. bronze advanced exchange

Sales and support for Overland-Tandberg products and solutions are available in over 90 countries.  
Contact us today at [sales@overlandstorage.com](mailto:sales@overlandstorage.com) or [sales@tandbergdata.com](mailto:sales@tandbergdata.com)

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