

# LTO Tape Drives

More than backup and archive



### Key benefits

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

### 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 Drives

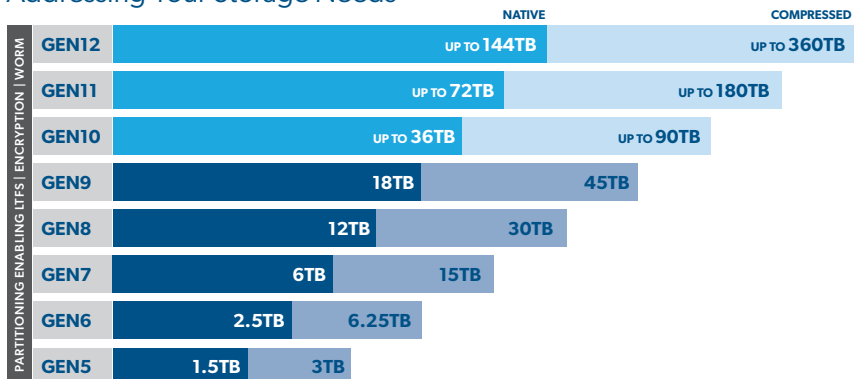
Complete your data protection strategy and safeguard your data with Overland-Tandberg LTO Tape drives, with the very best tape drive technology, capability and value in the industry. Today, LTO Ultrium with LTFS is more than just tape backup and archive.

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

**NOTE:** Compressed capacity for generation 5 assumes 2:1 compression. Compressed capacities for generations 6-12 assume 2.5:1 compression (achieved with larger compression history buffer).

**SOURCE:** The LTO 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.

### LTO ULTRIUM ROADMAP Addressing Your Storage Needs



## The right solution

Linear Tape File System (LTFS) functionality, available since 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 (requires LTFS software - either free/open source or commercial implementations) adds capability to tape storage by providing an optional alternative to traditional backup and archiving software resulting in advanced interchange between systems and users.

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.



Overland-Tandberg's LTO tape drives are available as internal and external drives

| Specifications                   | LTO-8  | LTO-7  | LTO-6  |
|----------------------------------|--|--|--|
| Capacity (native)                | 12TB   | 6TB-9TB  | 2.5TB  |
| Capacity (compressed)*           | 30TB   | 15TB   | 6.25TB   |
| Transfer Rate (native)           | 300MB/s (1TB/hr.)  | 300MB/s (1TB/hr.)                                | 160MB/s (576GB/hr.)                              |
| Transfer Rate (compressed)*      | 750MB/s (2.7TB/hr.)  | 750MB/s (2.7TB/hr.)                              | 400MB/s (1.4TB/hr.)                              |
| Ratio                            | 2.5:1  | 2.5:1  | 2.5:1  |
| Interface                        | 6GB SAS: Internal SFF 8482, External SFF 8088<br>8GB FC: LC Short Wave Optical |  |  |
| Configurations                   | Internal (SAS and FC); external/desktop (SAS)                                  |  |  |
| Internal Dimensions (HxWxD)      | 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                      |  |  |
| Internal Weight                  | 3.7 lbs. / 1.7 kg  |  |  |
| External Weight                  | 9.4 lbs. / 4.3 kg  |  |  |
| Read/Write Compatibility         | Write: LTO-8, LTO-7<br>Read: LTO-8, LTO-7                                      | Write: LTO-7, LTO-6<br>Read: LTO-7, LTO-6, LTO-5 | Write: LTO-6, LTO-5<br>Read: LTO-6, LTO-5, LTO-4 |
| MTBF (Mean Time Between Failure) | 250,000 hours @100% duty cycle   |  |  |
| Buffer Size                      | 1024MB   | 1024MB   | 512MB  |
| Power Consumption (maximum)      | 30 watts   | 24 watts   | 24 watts   |
| Temperature (operating)          | 50° - 105°F / 10° - 40°C   |  |  |
| Humidity (operating)             | 20-80% (non-condensing)  |  |  |
| Standard Warranty                | 3 yr. Bronze advanced exchange   |  |  |

\*With 2.5:1 compression



Sales and support for Overland-Tandberg products and solutions are available in over 100 countries. Contact us today at [sales@overlandtandberg.com](mailto:sales@overlandtandberg.com). Visit [OverlandTandberg.com](http://OverlandTandberg.com).