

## Overland Storage LTO Ultrium Tape Drives

In today's data-intensive world, organizations of all sizes are creating, storing, backing up and archiving large amounts of data. Protecting that data is one of the single-most important steps you can take to ensure the ongoing success of your business.

Designed for small businesses, Overland Storage LTO tape drives protect your server data by providing cost-effective backup, archive and disaster recovery.

### Key benefits:

- Backup as much as 3.0TB 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.

Overland Storage tape drives, combined with LTO media, deliver an exceptionally low cost of ownership and ensure a faster return on investment.

Overland Storage LTO tape drives are just the first step in an entire line of 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 an Overland Storage LTO automated tape library, Overland has a solution that's right for you.



## Overland Storage LTO Ultrium Media

LTO media, provided by Overland Storage, is recommended for use with all Overland LTO tape drives, tape autoloaders and tape libraries.

With over 3 million LTO tape cartridges shipped worldwide, LTO media will ensure the availability and security of your data.

### Key benefits:

- High capacity, with as much as 3.0TB of data stored on each LTO cartridge
- Cartridge memory chip delivers faster access time and enhanced media monitoring.
- Durable cartridge reduces media failures and eliminates disrupted backups.
- Extreme laboratory testing ensures that your LTO media not only meets but exceeds the standards required for superior data availability.
- Data security is ensured by encrypting the contents of the cartridge with hardware encryption.
- Ultrium cartridges are warranted for up to 30 years archival life and/or 260 full backups. This enables businesses to meet the ever-increasing demands of regulation for data retention and archiving.

Overland LTO media provides compatibility across multiple product generations, giving you the ultimate in choice and affordability and ensuring you benefit from superior investment protection.



## Tape Drive Specifications

	Overland LTO-4 tape drive	Overland LTO-5 tape drive
Part number	OV-LTO101005	OV-LTO101006
Native capacity per cartridge	800GB	1500GB (1.5TB)
Compressed capacity per cartridge <sup>1</sup>	1600GB (1.6TB)	3000GB (3TB)
Native data transfer rate per drive	120MB/s	140MB/s
Compressed data transfer rate per drive*	240MB/s	280MB/s
Media compatibility	Reads/writes LTO-4 & LTO-3 tapes; reads LTO-2 tapes	Reads/writes LTO-5 & LTO-4 tapes; reads LTO-3 tapes
MTBF (Mean Time Between Failures)	250,000 hours @ 100% duty cycle	250,000 hours @ 100% duty cycle
Buffer size	128MB	256MB
Interface	6Gb SAS/SFF 8088	66b SAS / SFF 8088
Dimensions HxWxD	Standard = 8.39w x 2.29h x 13.07d	Standard = 8.39w x 2.29h x 13.07d
Weight	Standard = 9.5 lb	Standard = 9.5 lb
Dynamic Data Rate Matching	30-120MB/s (native)	40-140MB/s (native)
Average load/unload time	7 seconds	17 seconds
Power consumption	26 watts typical;	24 watts typical
Temperature (operating)	10°C to 40°C	10°C to 40°C
Humidity (operating)	20 to 80% (non-condensing)	20 to 80% (non-condensing)
Front panel LED indicators	• Ready • Encryption • Fault	• Ready • Encryption • Fault
Standards compliance	FCC, VCCI, ICES, EU, China, Taiwan, Korea, Russia	FCC, VCCI, ICES, EU, China, Taiwan, Korea, Russia
Warranty	3 year return to factory	3 year return to factory

## Media Specifications

	LTO-3 media	LTO-4 media	LTO-5 media
Part number <sup>2</sup>	OV-LTO901006	OV-LTO901007	OV-LTO901009
Native capacity per cartridge	400 GB	800 GB	1500 GB (1.5TB)
Compressed capacity per cartridge <sup>1</sup>	800 GB	1600 GB(1.6 TB)	3000 GB (3.0TB)
Cartridge color	Yellow	Green	Light blue
Includes barcode labels?	Yes	Yes	Yes
Compatibility	Read/write in LTO-3 and LTO-2 drives; read only in LTO-1 drives	Read/write in LTO-4 and LTO-3 drives; read only in LTO-2 drives	Read/write in LTO-5 and LTO-4 drives; read only in LTO-3 drives
Cartridge weight	.63 lbs (285.2 g)	.63 lbs (285.2 g)	.63 lbs (285.2 g)
Archival Storage Life	30 years	30 years	30 years
Media durability	1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups	1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups	1,000,000 passes on any area of tape, equates to over 20,000 end to end passes/260 full tape backups
Warranty	Limited lifetime	Limited lifetime	Limited lifetime



<sup>1</sup>assumes 2:1 compression

<sup>2</sup>also available in 20-packs (without barcode labels). Contact your reseller for applicable part number information.

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