

## 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
<b>Part number</b>	OV-LTO101005	OV-LTO101006
<b>Native capacity per cartridge</b>	800GB	1500GB (1.5TB)
<b>Compressed capacity per cartridge<sup>1</sup></b>	1600GB (1.6TB)	3000GB (3TB)
<b>Native data transfer rate per drive</b>	80MB/s	140MB/s
<b>Compressed data transfer rate per drive*</b>	160MB/s	280MB/s
<b>Media compatibility</b>	Reads/writes LTO-4 & LTO-3 tapes; reads LTO-2 tapes	Reads/writes LTO-5 & LTO-4 tapes; reads LTO-3 tapes
<b>MTBF (Mean Time Between Failures)</b>	250,000 hours @ 100% duty cycle	250,000 hours @ 100% duty cycle
<b>Buffer size</b>	128MB	256MB
<b>Interface</b>	Ultra320 SCSI / 68-in HD LVDS	66b SAS / SFF 8088
<b>Dimensions</b> HxWxD	Standard = 3x8.8x11.7 in Packaged = 9.4x12.2x15.4 in	Standard = 3x8.8x11.7 in Packaged = 9.4x12.2x15.4 in
<b>Weight</b>	Standard = 10.3 lb Packaged = 11 lb	Standard = 10.3 lb Packaged = 11 lb
<b>Dynamic Data Rate Matching</b>	33-80MB/s (native)	47-140MB/s (native)
<b>Average load/unload time</b>	19 seconds	19 seconds
<b>Power consumption</b>	13 watts idle; 20 watts typical; 33 watts maximum	7 watts idle; 24 watts typical; 34 watts maximum
<b>Temperature (operating)</b>	10°C to 35°C	10°C to 35°C
<b>Humidity (operating)</b>	20 to 80% (non-condensing)	20 to 80% (non-condensing)
<b>Front panel LED indicators</b>	• Ready • Drive error • Tape error • Clean	• Ready • Drive error • Tape error • Clean
<b>Standards compliance</b>	CSA, TUV, CE, FCC, NOM, VCCI, C-TICK, RRL, BSMI, GOSH, CB	CSA, TUV, CE, FCC, NOM, VCCI, C-TICK, RRL, BSMI, GOSH, CB
<b>Warranty</b>	3 year return to factory	3 year return to factory

## Media Specifications

	LTO-3 media	LTO-4 media	LTO-5 media
<b>Part number<sup>2</sup></b>	OV-LTO901006	OV-LTO901007	OV-LTO901009
<b>Native capacity per cartridge</b>	400 GB	800 GB	1500 GB (1.5TB)
<b>Compressed capacity per cartridge<sup>1</sup></b>	800 GB	1600 GB(1.6 TB)	3000 GB (3.0TB)
<b>Cartridge color</b>	Yellow	Green	Light blue
<b>Includes barcode labels?</b>	Yes	Yes	Yes
<b>Compatibility</b>	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
<b>Cartridge weight</b>	.63 lbs (285.2 g)	.63 lbs (285.2 g)	.63 lbs (285.2 g)
<b>Archival Storage Life</b>	30 years	30 years	30 years
<b>Media durability</b>	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
<b>Warranty</b>	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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