

# LTO

Very high storage capacity up to 15TB compressed (6TB native)



## Overview

- Massive storage capacity up to 6TB native, 15TB\* compressed**
- Ultra fast transfer rate up to 300MB/s native, 750MB/s\* compressed**
- Write-Once Read-Many (WORM) format available (LTX6000W, LTX2500W, LTX1500W, LTX800W, LTX400W), protecting valuable data against accidental erasure and prevents alteration of archived data files**
- Ideal to back up, restore and archive large applications**
- Enhanced reliability and performance thanks to new technology innovations**
- Partitioning functionality enabling capabilities that can help enhance file control and space management**
- The ideal solution for Radio Frequency Identification (RFID) labels**
- Cleaning Tape: LTXCL**

\*Compression ratio 2.5 :1

Note: The production of Sony-Branded LTO7 data cartridge (LTX6000G) has already finished on May 23rd 2018.

## Specifications

### Recording Capacity

Native	LTO Ultrium 7: 6TB' to 'LTO Ultrium 7: 6TB (not available for sale in the US)
Compressed	LTO Ultrium 7: 15TB' to ' LTO Ultrium 7: 15TB (not available for sale in the US)

### Maximum Data Transfer Rate

Native	LTO Ultrium 7: 300MB/sLTO Ultrium 7: 300MB/s' to 'LTO Ultrium 7: 300MB/s (not available for sale in the US)
Compressed	LTO Ultrium 7: 750MB/s' to 'LTO Ultrium 7: 750MB/s (not available for sale in the US)

### Physical Characteristics

Tape length (m)	LTO Ultrium 7: 960' to 'LTO Ultrium 7: 960 (not available for sale in the US)
Tape thickness (μm)	LTO Ultrium 7:5.6' to 'LTO Ultrium 7:5.6 (not available for sale in the US)
Tape width (mm)	12,65

### Environmental requirements

Operating environment	10~45°C (50~113°F) 10~80% RH *1
Short term storage environment	16~35°C (60~95°F) (does not include LTO Ultrium 2 or LTO Ultrium) 20~80% RH *1 (does not include LTO Ultrium 2 or LTO Ultrium)
Archive storage environment	16~25°C (60~77°F) (does not include LTO Ultrium 2 or LTO Ultrium) 20~50% RH *1 (does not include LTO Ultrium 2 or LTO Ultrium)
Storage environment	16~32°C (60~90°F) (Only applies to LTO Ultrium 2 and LTO Ultrium) 20~80% RH *1 (Only applies to LTO Ultrium 2 and LTO Ultrium)
Transportation environment	-23~49°C (-9~120°F) 5~80% RH *1
Maximum wet bulb temperature	26°C (79°F)

### Dimensions (nominal)

Cartridge Width (mm)	105,4
Cartridge Height (mm)	102
Cartridge Depth (mm)	21,5

### Notes

*1	Noncondensing
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## Gallery

