

SONY

LTO Ultrium 7

Sony technology delivers greater reliability to the LTO Ultrium Generation 7 data cartridge.



ULTRIUM 7



Performance breakthrough: 15TB compressed capacity with 750MB/s transfer speed.

Sony's design breakthroughs in thin-layer coating, surface smoothing process, and particle innovation allow the LTO-7 data cartridge to reliably deliver an impressive 6TB native and 15TB compressed recording capacity.

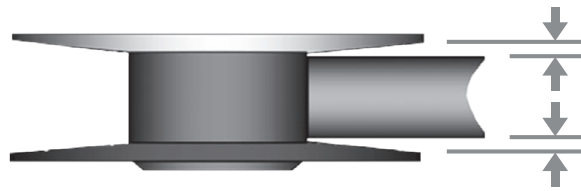
Ideal for archiving.

Thanks to its low media cost per TB, the LTO-7 storage media is the ideal economical solution for long-term storage of large amounts of archival data. Supported by Sony's proven technology in the magnetic tape production industry, this high-capacity cartridge is designed to retain its archival quality for up to 30 years.



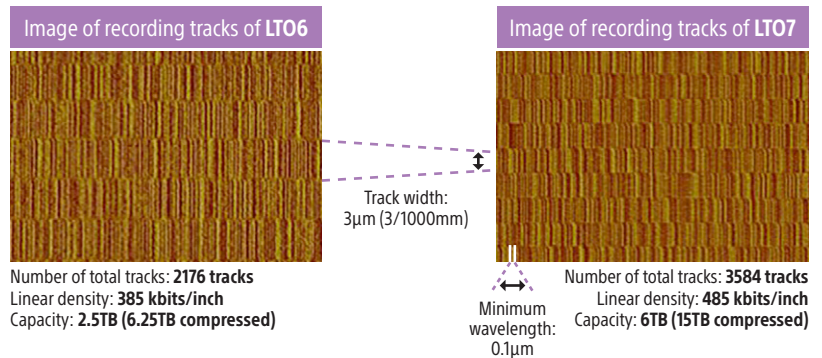
Higher capacity, faster transfer speed.

Sony's technological improvements of LTO cartridges significantly increase the stability of the rotating tape reel, which enables the stable, high-speed linear tape motion necessary to increase the tape's capacity and transfer speed.



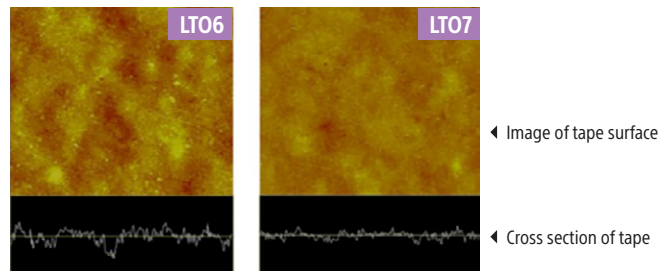
Higher recording density, greater reliability.

Enhanced servo writing technology and improved linear tape motion enable narrower tracks (LTO-7 at 3584 tracks vs LTO-6 at 2176 tracks) to be written and read accurately, resulting in higher recording density. In addition, Sony conducts servo signal quality testing so that customers can use Sony LTO-7 data cartridges with complete confidence.



Smooth tape surface property.

Enhanced coating technology provides a smoother film tape surface and enables narrower tracks and shorter wavelength to be written and read accurately, resulting in a higher recording capacity.



Drive/Media Compatibility

Model	Format	Drive Type						
		LTO1	LTO2	LTO3	LTO4	LTO5	LTO6	LTO7
LTX100G	LTO1	Write/Read	Write/Read	Read				
LTX200G / 20LTX200GLP	LTO2		Write/Read	Write/Read	Read			
LTX400G / LTX400W / 20LTX400GLP	LTO3			Write/Read	Write/Read	Read		
LTX800G / LTX800W / 20LTX800GLP	LTO4				Write/Read	Write/Read	Read	
LTX1500G / LTX1500W / 20LTX1500GL	LTO5					Write/Read	Write/Read	Read
LTX2500G / LTX2500W / 20LTX2500GL	LTO6						Write/Read	Write/Read
LTX6000G / LTX6000W / 20LTX6000GL	LTO7							Write/Read

Mechanical Characteristics

LTX6000G / LTX6000W / 20LTX6000GL	
Recording Capacity (Compressed)	6TB (15TB)*
Maximum Data Transfer Rate (Compressed)	300MB/s (750MB/s)*
Number of Data Tracks	3,584
Cartridge Memory	16,352 bytes
Tape Width	12.65mm
Tape Thickness	5.6µm
Tape Length	960m

LTX6000G / LTX6000W / 20LTX6000GL	
LTFs	Yes
WORM Model (Write Once Read Many)	LTX6000W

*The actual capacity, compression rate, and data transfer rate may vary depending on equipment, software usage, environments, and data. 1 TB = 1 trillion bytes. Compression ratio 2.5:1.

Dimensions and Weight

LTX6000G / LTX6000W / 20LTX6000GL	
Cartridge Dimensions (W x H x D)	4.1 x 4 x .8in (105.4 x 102mm x 21.5mm)
Cartridge Weight	7.2oz (9.1oz with case) (203g (259g with case)

Environmental Requirements

LTX6000G / LTX6000W / 20LTX6000GL		
Operating Conditions	temperature	50~113°F (10~45°C)
	humidity	10~80%RH**
Storage Conditions (Short-term)	temperature	60~95°F (16~35°C)
	humidity	20~80%RH**
Storage Conditions (Archive)	temperature	60~77°F (16~25°C)
	humidity	20~50%RH**
Transportation Conditions	temperature	-9~120°F (-23~49°C)
	humidity	5~80%RH**

**Maximum wet bulb temperature: no condensation at 79°F (26°C).

