

# LTO ULTRIUM 2

Up to 400GB compressed capacity,  
thanks to LTO2 technology.

Now, get double the capacity of LTO1

Using the latest Sony coating technology, LTO satisfies large backup needs with 200GB native and 400GB compressed capacity per cartridge.

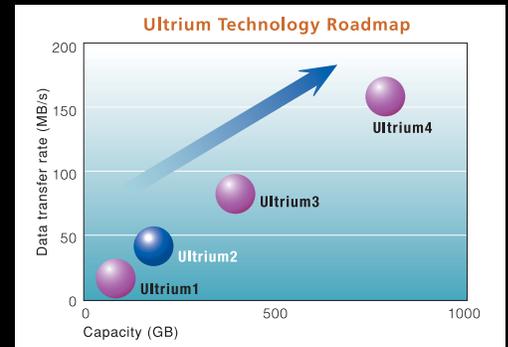
Even faster data transfer

For quicker backup and cost efficiency, LTO2 offers ultra-high-speed 40MB/s native and 80MB/s compressed data transfer.

High-performance data cartridge

Like LTO1, the LTO2 cartridge incorporates a robust non-contact 4KB IC memory. Besides accelerating file access, this markedly speeds up cartridge access in library environments.

**LTO (Linear Tape Open)**  
LTO is a new standard jointly developed by HP, IBM and Quantum.



# LTO ULTRIUM 2

## Greater data transfer stability

An advanced cartridge mechanism optimizes reel-to-cartridge slip and friction. The result is steady reel rotation for more stable data transfer.



LTX200G Cartridge

## Reduced critical tracking errors

Sony developed a dedicated LTO format servo writer to complement enhanced tape performance by providing a high-quality magnetic servo signal. This noticeably improves data writing and reading accuracy.



LTX-CL Universal Cleaning Cartridge

## Advanced tape technology for MR heads

Sony minimized tape noise to match the high-sensitivity of MR heads. Tape surface variation is also finely controlled to assure tape travel stability for optimum head-media interfacing.

Generation	Generation 1	Generation 2	Generation 3	Generation 4
Capacity (Native)	100GB	200GB	400GB	800GB
Transfer Rate (Native)	20MB/s	40MB/s	80MB/s	120MB/s

Mechanical Characteristics		LTX200G	
Recording Capacity (*Compressed)	200GB (*400GB)	Coercivity (kA/m)	175
Maximum Data Transfer Rate (*Compressed)	40MB/s (*80MB/s)	Electric Resistivity (Magnetic Coating: $\Omega$ /sq)	$1 \times 10^6$
Tape Width (mm)	12.65	Electric Resistivity (Magnetic Coating: $\Omega$ /sq)	$1 \times 10^4$
Tape Thickness ( $\mu$ m)	8.9	Built-in IC Memory (Byte)	4,096
Tape Length (m)	609	External Dimensions (mm)	102.0 x 105.4 x 21.5
Magnetic Material	Metal particle (MP)	Number of data tracks	512

\*Compression ratio 2:1.

### Dimensions

External Dimensions (mm): 102.0 x 105.4 x 21.5

### Environmental Requirements

Operation Conditions: ( $^{\circ}$ F/ $^{\circ}$ C);%RH): 50~113 (10~45);10~80\*

Storage Conditions: ( $^{\circ}$ F/ $^{\circ}$ C);%RH): 60~90 (16~32);20~80\*

Transportation Conditions: ( $^{\circ}$ F/ $^{\circ}$ C);%RH): -9~120 (-23~49);5~80\*

\*Maximum wet bulb temperature: 79 $^{\circ}$ F(26 $^{\circ}$ C) at no condensation.

For more information, visit our website at [sony.com/storagemedia](http://sony.com/storagemedia)