

# MagStor

LTO TAPE SOLUTIONS



THUNDERBOLT 3

## MAGSTOR LTO THUNDERBOLT™ 3 TAPE DRIVES:

MagStor is the world's first certified Thunderbolt™ 3 tape drive. This is the ideal product for MAC™ users looking to store large amounts of data. Boasting a 30-year lifespan and up to 12TB of native storage, tape has the best prices per terabyte and the longest shelf life of any storage option. Have confidence in your equipment with our industry-leading 3-year warranty.

The MagStor LTO8 Thunderbolt™ 3 drive allows read/write speeds of up to an impressive 300 MB/s. Users can write to two tapes at once with our MagStor dual drives. With our MagStor single drives, users have the option to write to tape or a solid-state hard drive.

All MagStor products are TAA compliant. They're made in Japan, QA-tested twice, and offer the unique option of a 5-year warranty. MagStor gives users safety and security when archiving and backing up their data.

### AVAILABLE SOFTWARE

MagStor tape drives use a standardized driver for software communication making them compatible with almost every software package that supports LTO tape drives. Rest assured that MagStor tape drives will be compatible with your favorite backup or archiving software.

### LIFETIME SUPPORT, TROUBLESHOOTING, & UPDATES

We care about your success. Choose the brand that prides itself on support. You can call, email, or chat with us on our website at any point after your purchase. Every future MagStor firmware update is free for MagStor customers.



## BY GENERATION

### TAPE STORAGE

- LTO8: 12TB
- LTO7: 6 TB
- LTO6: 2.5 TB

### LTO COMPATIBILITY

LTO8 → 7 write/read

LTO7 → 6 write/read  
→ 5 read only

LTO6 → 5 write/read  
→ 4 write/read



# TECHNICAL SPECIFICATIONS

## COMPATIBILITY

	LTO8 Media	LTO7 Media	LTO6 Media	LTO5 Media	LTO4 Media
LTO8 Drive	●	●	✗	✗	✗
LTO7 Drive	✗	●	●	R	✗
LTO6 Drive	✗	✗	●	●	R

✗ Incompatible ● Read/Write R Read Only

## PHYSICAL DRIVE

	LTO8 Single Drive	LTO8 Dual Drive
Model #	TR83-HL8	TR83-HL8-DUAL
Dimensions (LxWxH)	13.4 x 5.8 x 6.8 in.	13.4 x 5.6 x 6.8 in.
Weight	12.7 lbs.	19.7 lbs.

## POWER CONSUMPTION

	Idle (watts)	Typical	Peak
LTO 8 Drive	11.0	30	42
LTO 7 Drive	21.1	32	64.5
LTO 6 Drive	13.2	24.7	69.9

Voltage: +5 +12

## ENVIRONMENTAL TOLERANCE

Activity	Operating	Shipping & Storage
Temperature	10 - 38°C (50 - 100°F)	-40 to 60°C (-40 to 140°F)
Relative Humidity	20 - 80%	10 - 90%

## WARRANTY

3 years  
(optional 5 years)

## OS COMPATIBILITY

MAC OS 10.11+  
Windows 10

## DATA BUFFER SIZE

LTO8 : 1 GB  
LTO7 : 1 GB  
LTO6 : 512 MB

## CONNECTION OPTIONS

Thunderbolt™ 3  
Thunderbolt™ 2 (with adapter)  
Thunderbolt™ 1 (with adapter)

## MAGSTOR CONNECTION OPTIONS



SAS 8088



FC



TB3



SAS 8644

## DRIVE SPECIFICATIONS

Drive Generation	Read/Write Speed	Buffer Size
LTO8	300 MB/s	1 GB
LTO7	300 MB/s	1 GB
LTO6	160 MB/s	512 MB

## MEDIA CAPACITY

Media Generation	Native Capacity
LTO8	12 TB
LTO7	6 TB
LTO6	2.5 TB
LTO5	1.5TB
LTO4	800GB

## TAPE CARTRIDGE

Archive Storage	Dimensions (LxWxH)	Durability
30 years	4 x 4.15 x .85 in.	20,000 load/unload cycle



MagStor

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