

MagStor

LTO TAPE SOLUTIONS



MAGSTOR & LTO

MagStor uses **magnetic tape** to store large amounts of data safely for **30 years**. MagStor LTO Tape Drives connect to **MAC™**, **Windows** or **Linux**.

MagStor includes a 3-year warranty and **lifetime support**. Customer support, troubleshooting, and updates are just a click or call away.

MagStor is available with Thunderbolt™ 3, SAS, Fibre Channel. MagStor tape drives use a standardized driver for software communication making them compatible with almost every software package that supports LTO tape drives. All MagStor products are **TAA compliant**. They're **made in Japan**, QA-tested twice, and offer the unique option of a 5-year warranty.

PERKS

- ✓ **ARCHIVE** massive amounts of data
- ✓ **TRANSPORT** physically when bandwidth poses a challenge
- ✓ **SAVE** on electricity and cost of media

MagStor is the world's first certified Thunderbolt™ 3 tape drive. Our unique dual enclosure means **double the speed** without needing to transport separate units. With our Thunderbolt™ 3 single drives, users have the option to write to tape or a solid-state hard drive.

MagStor SAS and FC LTO tape drives can be purchased as both **internal or external** drives. Internal drives will fit perfectly in the average 5.25 inch rack or enclosure.



LTO-8 Tapes Hold up to 12TB native



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DRIVES



MagStor Thunderbolt™ 3 LTO Tape Drive



MagStor Thunderbolt™ 3, FC, or SAS
LTO Dual Tape Drive



MagStor FC LTO Tape Drive



MagStor Internal SAS or FC
LTO Tape Drive



MagStor SAS LTO Tape Drive
(SAS HBA Card Required for use)

LIBRARIES



Magstor M1000 1U Tape Library



Magstor M2000 2U Tape Library



Magstor M3000E 3U Tape Library



Magstor M6000E 6U Tape Library

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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

MAGSTOR LTO FC TAPE DRIVES:

MagStor FC LTO tape drives can be purchased as both internal or external drives. Internal drives will fit perfectly in the average computer tower. Users can even write to two tapes at once with our MagStor dual drives.

This is the ideal product for PC 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 FC drive allows read/write speeds of up to an impressive 300 MB/s. Already own old tapes? Refer to the compatibility list on the left to see which tapes can be used with each generation. For users with only the need for speed, the MagStor FC-FL8-PRO drive takes performance to the next level. Our PRO drive offers speeds of 360 MB/s for faster acceleration due to its larger motor. This also makes the PRO drive more durable.

All MagStor products are TAA compliant and made in Japan.

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.



TECHNICAL SPECIFICATIONS

COMPATIBILITY

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

✗ Incompatible ● Read/Write ℞ Read Only

PHYSICAL DRIVE

LTO8	
Model #	FC-HL8
Dimensions (LxWxH)	10.2x8.01x2.59 in.
Weight	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

Fibre Channel

DRIVE SPECIFICATIONS

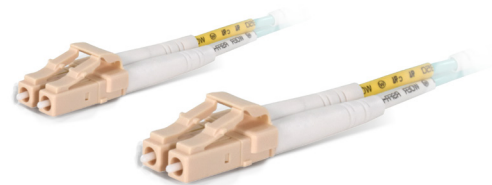
Drive Generation	Read/Write Speed	Buffer Size
LTO8	300 MB/s	1 GB
LTO7	300 MB/s	1 GB
LTO6	160 MB/s	512 MB

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 CONNECTION OPTIONS



SAS 8088



FC



TB3



SAS 8644