

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

ULTRIUM 7
LTO

ULTRIUM 8
LTO

ULTRIUM 9
LTO

NANOPURE™



MagStor®

DATA SHEET

SAS TAPE DRIVES



FEATURES AND BENEFITS

FAST PERFORMANCE

Up to 400 MB/sec transfer rate
* LTO-9 Full-Height drives only
Half-Height drives are 300MB/s

MADE IN THE USA

TAA COMPLIANT-our products are Made in the USA and feature IBM™ LTO drives made in Japan for TAA compliance as required by many public agencies

COMPLETE SOLUTION WITH NANOPURE MEDIA™

Full support for NanoPure Media™ the only certified and fully tested media system for managing media errors and drive hardware faults on MagStor® hardware

ABOUT MAGSTOR®

MagStor® is a recognized leader in tape backup solutions to enterprise and M&E users globally. Since 2006, operating as our parent company Magnext, we are the ONLY tape hardware manufacturer and service provider solely focused on the needs of the tape hardware market. Our investments in engineering include our innovative NanoPure Media™ system and patented Thunderbolt 3™ equipped tape drives and libraries. All with a focus on improving the usability of tape hardware for today's M&E and Enterprise users.

MagStor® SAS LTO tape drives are the first available in versions with compatibility to 12Gb (8644) SAS cards. It is also available to 6Gb (8088) cards. This is the ideal product for PC users looking to store large amounts of data. Boasting a 30-year lifespan and up to 18TB 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® LTO9 SAS drive allows read/write speeds of up to an impressive 400 MB/s. MagStor® is currently offered in LTO9, LTO8, and LTO7. SAS drives can be purchased as both internal or external drives. Internal drives will fit perfectly in the average 5.25 inch rack or enclosure. Users can even write to two tapes at once with our MagStor® dual drives. For users with only the need for speed, the MagStor® SAS-L9-8644 drive takes performance to the next level. Our LTO9 Full Height enterprise level drive offers speeds of 400 MB/s for faster acceleration due to its larger motor.

All MagStor® Desktop drives come in Single and Dual drive setups which 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

Best price per terabyte of any leading tape library system. And tape is shown to be reliable for the long term. While the shelf life for HDD is a modest 5 years, users can rely on LTO's longevity thanks to its 30-year shelf life.

TECHNICAL SPECIFICATIONS

COMPATIBILITY

	LTO9 Media	LTO8 Media	LTO7 Media	LTO6 Media	LTO5 Media
LTO9 Drive	●	●	✗	✗	✗
LTO8 Drive	✗	●	●	✗	✗
LTO7 Drive	✗	✗	●	●	R

✗ Incompatible ● Read/Write R Read Only

PHYSICAL DRIVE

	LTO9 Single Drive	LTO9 Dual Drive	LTO9 FH Drive
Model #	SAS-HL9-8644	SAS-HL9-DUAL	SAS-L9-8644
Dimensions (LxWxH)	10.2x8.01x2.59 in.	13.4 x 5.6 x 6.8 in.	13.4 x 5.6 x 6.8 in.
Weight	7 lbs.	19.7 lbs.	19.7 lbs.

POWER CONSUMPTION

	Idle (watts)	Typical	Peak
LTO 9 Drive	11.0	30	42
LTO 8 Drive	11.0	30	42
LTO 7 Drive	21.1	32	64.5

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%

DRIVE SPECIFICATIONS

Drive Generation	Read/Write Speed	Buffer Size
LTO9	400 MB/s	1 GB
LTO8	300 MB/s	1 GB
LTO7	300 MB/s	1 GB

MEDIA CAPACITY

Media Generation	Native Capacity
LTO9	18 TB
LTO8	12 TB
LTO7	6 TB
LTO6	2.5 TB
LTO5	1.5TB

TAPE CARTRIDGE

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



WARRANTY

3 years
(optional 5 years)

OS COMPATIBILITY

MAC OS 10.11+
Windows 10

DATA BUFFER SIZE

LTO9 : 1 GB
LTO8 : 1 GB
LTO7 : 1 GB

CONNECTION OPTIONS

SAS 8088
SAS 8644

MAGSTOR CONNECTION OPTIONS



SAS 8088



FC



TB3



SAS 8644