FEATURES AND BENEFITS

SCALE OUT TO MASSIVE CAPACITY AND PERFORMANCE
Up to 11.5 Petabytes native storage (28.8 compressed) when fully configured. Support for all major IBM LTO drives from LTO 6-9 including FC/SAS, Half Height and Full Height. Performance up to 400MB/s with FH LTO[a]9 drives. Ethernet and Ethernet connectivity via add on XstreamCORE® bridges by ATTO.

ASSEMBLED IN THE USA
TAA COMPLIANT, our products are Made in the USA and feature IBM™ LTO drives made in Japan for TAA compliance required by public agencies.

COMPLIANCE AND SECURITY
Secure your backups with AES 256-bit hardware-based encryption standard and WORM (Write-once-ready-many) support with WORM enabled cartridges.

COMPLETE SOLUTION WITH NANOPURE MEDIA™
Full support for NanoPure Media™ which is the only certified and fully tested media system for managing media errors and drive hardware faults on MagStor® libraries.

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 todays M&E and Enterprise users.

DATA SHEET

petabyte MACHINE

PETABYTE MACHINE M3640
Unrivaled cost and performance for enterprise tape backup

MagStor supports your unique workflow requirements
MagStor PetaByte Machine features storage up to 11.5 Petabytes native storage (28.8 compressed) in a compact form factor that offers the lowest cost per GB of any tape library available.

40% less expensive than a comparable Quantum i3 library
37% less expensive than a comparable Spectralogic library.

MagStor PetaByte Machine Cost	Cost /TB	Cost /PB	Cost vs. PetaByte Machine	
MagStor PetaByte Machine	$14.63	$14,630.75	NA	NA
Quantum i3	$24.64	$24,635.32	40.61%	Higher
Spectra Stack	$23.24	$23,244.64	37.06%	Higher

Each library is configured with 280 slots, 1xLTO9 drive, 280xLTO9 media, and no options

Secure storage for your knowledge assets
The PetaByte Machine is the perfect solution to address all the retention, protection, and compliance requirements of small to medium businesses and content creators who also wish to protect their data from ransomware. PetaByte Tape Libraries provide air-gapped protection against ransomware attacks.

Industry leading warranty and lifetime support policy
We care about your success. Our 3-year standard Silver warranty leads the industry and is paired with our lifetime 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 original MagStor customers. You may also elect to extend the 3-year warranty up to 5 years for an additional fee. Have a dedicated FC SAN? Add the optional FC Bridge to increase performance and reduce your backup windows. Or add the optional Ethernet Bridge with 40GB/s performance.

MagStor®
1-844-MagStor® (624-7867)
info@MagStor.com | MagStor.com

TECHNICAL SPECIFICATIONS

DATA SHEET

COMPATIBILITY

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

X Incompatible   ● Read/Write   R Read Only

CAPACITY & POWER

Max Native Capacity	11.5 Petabytes Uncompressed
Voltage	100-127 VAC; 200-240 VAC
Line Frequency	50-60 Hz

DIMENSIONS

Size

Dimensions (WxHxD)	W 23.7" x H 87.5" x D 39.6"

ENVIRONMENTAL TOLERANCE

	Operating	Shipping & Storage
Temperature	15°C to 35°C	--30 °C to +60 °C
Relative Humidity	20% - 80%	10 - 90%
Altitude	0 to 10.000'	-22 to 33000'

DRIVE & TAPE CAPACITY

Drives	48 (HH) / 16(FH)
Tapes Slots	640
Mail Slots	80x
Magazines	32

PERFORMANCE

400 MB/s Read/Write
(LTO 9 Full Height Uncompressed)

300 MB/s Read/Write
(LTO 9,8,7 Half Height Uncompressed)

TAPE CARTRIDGE

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

CARTRIDGE CAPACITY

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

WARRANTY & SUPPORT

3 years
(optional 5 years)

PORTS PER DRIVE

SAS: 2X SAS-8088 ports (up to LTO8 only)
SAS: 2x 8644 (LTO-9)
FC: 2 X LC/LC Fibre Channel

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