

# Magnum 1x7 LTO Tape Autoloader



## **Magnum 1x7 LTO Tape Autoloader**

For IT Managers and Network Administrators needing automated tape backup, the Exabyte® Magnum 1x7 Tape Autoloader is an ideal solution. The Magnum 1x7 offers affordable automation with remote management and bar code reader for easy management, a slim 2U rack size, the speed (over 93GB/hr native, 187GB/hr compressed) and capacity (1.4TB native, 2.8TB compressed) of LTO-2, and a better TCO and ROI than competitive products. Plus, Exabyte tape autoloaders include ExaBotics™, Exabyte's patented award-winning robotics for the best reliability and value in automation.



- Includes one Ultrium LTO-2 drive and 7 cartridge cells, providing a full week of unattended backup
- Delivers 1.4 to 2.8TB\* of capacity at a transfer rate of up to over 93GB/hr native, 187GB/hr compressed\*
- Standard features include a barcode scanner, Ethernet port with remote management, and a rack mount kit
- Features Exabyte's advanced ExaBotics with its patented mechanics and robotics
- Uses an intuitive, user-friendly LCD interface to guide you through configuration, status, diagnostic, and help functions
- Available LVD SCSI interface supports LTO-2 drives and will support LTO-3 drives when available

### **ExaBotics Automation**

ExaBotics™ is Exabyte's award-winning, patented robotics, built on its 18-year legacy of superior engineering, quality and reliability. Exabyte engineers specify conservative electronics and ultra-reliable mechanical components that undergo intensive testing to ensure data security, accessibility and retrievability. Automation systems are designed to share electronics and processor architecture with drives, adding to reliability and economies of scale. Similarly, Exabyte's self-calibrating, self-correcting firmware mirrors the simple, clean mechanical engineering offered through Exabyte ExaBotics.

\*Compressed. Compressed specifications assume a 2:1 compression ratio. Compression capacity and throughput will vary dependent upon type of data and system configuration. All specifications are subject to change without notice.



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## All configurations of the Exabyte Magnum 1x7 autoloader will include:

- One LTO-2 LVD SCSI tape drive
- Seven media cells
- One rack mount kit
- One barcode scanner
- Twenty piece barcode label set, 18 data and 2 cleaning
- One Ethernet port with remote management
- One 10-foot shielded Ethernet cable
- One 2-meter 68-pin HD to HD LVD SCSI cable
- One 68-pin HD LVD SCSI terminator
- US and International power cords
- A document CD and a printed Quick Start Guide

## Media Compatibility

The Magnum 1x7 Autoloader is compatible with LTO Ultrium data cartridges. The autoloader can accommodate up to 7 data cartridges.

## Tape Drive Integration

The Magnum 1x7 is configured with one LTO-2 drive.

## Software Compatibility

For the most recent software compatibility information, please visit the Products section on the Exabyte website at [www.exabyte.com](http://www.exabyte.com).

Magnum 1x7 Configurations	Exabyte Part #
Magnum 1x7 Autoloader, LVD, Kitted (LTO-2)	270042-300

Magnum 1x7 Field Installed SCSI Options	Exabyte Part #
SCSI Installation Service <sup>1</sup>	1010819

Warranty Uplifts <sup>2</sup>	Exabyte Part #
3-year (total) Advanced Exchange (ADEX)†	1013139
3-year (total) 5x9 Next Business Day On-Site Service (OSS)†	1010915
1-year 5x9 Next Business Day On-Site Service (OSS)†	1012660

<sup>1</sup>Supplied by Exabyte Professional Installation Team. <sup>2</sup>Additional Warranty Uplifts are available. For more information, please call 800-774-7172 x-7510 or send an e-mail to [saleservice@exabyte.com](mailto:saleservice@exabyte.com).

## Magnum 1x7 LTO Tape Autoloader Technical Specifications

<b>Capacity Native/Compressed</b> 1.4TB/2.8TB	<b>Reliability</b> Mean exchanges/swaps between failures: >250,000 Tape Drive Mean Time Between Failures (MTBF): >250,000 Mean time to repair: <30 minutes Non-disruptive serviceability: drive FRU, no disconnection of interface cables required, Ethernet and serial ports for diagnostics and reporting
<b>Transfer Rate Native/Compressed</b> 93GB/187GB/hr	<b>Environment</b> Operating temperature: 10°C to 40°C (50°F to 104°F) Nonoperating temperature: -40°C to 65°C (14°F to 149°F) Relative humidity, noncondensing, operating: 20% to 80% Relative humidity, noncondensing, non-operating: 10% to 90%
<b>Dimensions (HxWxD)</b> 3.5 x 17.6 x 28 inches 8.8 x 44.6 x 71.2 centimeters	<b>Power</b> Voltage: 100 to 240 VAC, 50 to 60 Hz Autoloader (maximum operating): 10 W RMS Drive: 32 W Auto-switching power supply
<b>Shipping package:</b> 10.5 x 23 x 36.5 inches 26.7 x 58.4 x 92.7 centimeters	<b>Software Compatibility</b> Compatible with all major backup applications and operating systems. For up to date compatibility information please visit our website at <a href="http://www.exabyte.com">www.exabyte.com</a>
<b>Rack height:</b> 2U	
<b>Weight</b> 44.4 lbs. (20.1 kg) Shipping weight: 64 lbs. (29 kg)	
<b>Agency Certifications</b> CE, UL, CUL, GS, FCC-B, VCCI, C-TICK, GS, IEC	
<b>Warranty</b> 3-year limited warranty, with first year Advanced Exchange	
<b>Interface</b> LVD SCSI	
<b>Cartridge Access Time</b> with barcode labels: 5 seconds without barcode labels: 20 seconds	

The Magnum 1x7 Autoloader is part of an entire family of LTO automation products. Visit our website at [www.exabyte.com](http://www.exabyte.com) to see how you can benefit from the Exabyte automation advantage.

### Installation Services

Take advantage of Exabyte's technical expertise with Magnum 1x7 Professional Installation Service. For a nominal fee, we will do the installation and have your Magnum 1x7 Autoloader up and running in no time. Magnum 1x7's professional installation will be performed by an Exabyte engineer.

Professional installation includes:

- Unpacking of the Magnum 1x7 Autoloader and associated accessories
- Installation of add-on drives and accessories
- Verification that all drives are recognized on the bus and successfully addressed
- Troubleshooting and resolving hardware issues that may arise during installation
- "Best effort" integration in identifying/overcoming library-related interoperability issues.

Contact Exabyte at [solutions@exabyte.com](mailto:solutions@exabyte.com) for more information on available services or to arrange for your professional installation.



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\*Compressed specifications assume a 2:1 compression ratio. Compression capacity and throughput will vary dependent upon type of data and system configuration. All specifications are subject to change without notice. †May not be available in certain geographical locations.

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