




## MULTISTOR BD 340


LT ZERO MultiStor BD 340 Tape Library delivers scalable, high-density data storage with modular expansion and LTO Ultrium support. Perfect for midrange to enterprise businesses, it offers automated, flexible, and high-performance backup solutions that ensure cost-effective, reliable data protection.


### KEY FEATURES


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**Scalability**  
Scalable from 40 to 640 slots, ideal for mid to large enterprises.
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**Compatibility**  
Compatible with various tape technologies for broad IT interoperability.
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**High Density**  
Supports multiple tape drives and high-capacity cartridges for compact, high-density storage.
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**Data Security**  
Provides AES-256 encryption for secure data storage and WORM functionality to comply with data integrity regulations.
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**Reliability & Redundancy**  
High reliability with redundant power supplies and a low bit error rate for data integrity and long-term preservation.
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**Management & Monitoring**  
Perform remote management, diagnostics, and reporting tools.





### BENEFITS

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**Cost Effective Storage**  
Decreases CAPEX and OPEX with lower per-terabyte and energy costs.
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**Long Term Data Preservation**  
Optimized for archival storage with tapes lasting up to 30 years.
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**Efficient Backup and Recovery**  
Enables fast data transfer and automated backups for efficient recovery and improved data access.
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**Secure Data Storage**  
Ensures data protection with encryption and WORM, defending against unauthorized access, ransomware, and cyberattacks.
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**Scalable and Flexible**  
Compatible with various tape technologies and adaptable to different IT environments with flexible configurations.

# MULTISTOR BD 340

## TECHNICAL SPECIFICATIONS

# DATASHEET

### SPECIFICATIONS



Drive Type	Half-height, Full-height LTO -6 / -7 / -8 / -9	
Media Type	Ultrium LTO-6 / -7 / -8 / -9	
Interface Type	SAS or Fibre Channel	
Form Factor	3U	48U
Number of Modules	1 main module	Max. 15 expansion modules
Drive Capacity	Max. 3 LTO HH Drive (or 1 FH/1 HH Drives)	Max. 48 LTO HH Drives (or 16 FH/16 HH Drives)
Slot Capacity	40	up to 640
Mailshot Quantity	5	80
Number of Magazine	2	32
Native Capacity	From 720 TB (LTO-9) per Module	up to 11.52 PB (LTO-9) per Library
Compressed Capacity (2,5:1)	1800 TB (LTO-9) per Module	up to 28.8 PB (LTO-9) per Library
Transfer Rate	Drive and interface dependent (with LTO-9 FH up to 400 MB/s)	
Robotic MSBF	3,000,000	
Front Operator Panel	Password-protected with menus for configuration, management, status and diagnostics; 3.5" monochrom display with button panel	
Remote Management Interface	Via standard Ethernet connection 10/100/1000 Mbit; web-based, no client tool necessary, management and configuration on main module	
Partitions	Max. 20, dynamically configurable	
Safety	SSL/TLS 1.2, User Management / LDAP Intergration	
Network and Protocol	1 Gbit Ethernet, IPv4/IPv6	
Configuration	Wizard based	
Network Management	SNMP with Trap Alerts; Error and Warning Email Alert System	
Error and System Logging	Sophisticaed log-system using error dependent user guidance	
Power Requirement	100-240 VAC (50-60 Hz)	
Operating Environment	Temperature: 10 - 35 degree celsius, Humidity: 20% - 80% (non condensing)	
Dimensions (W x D x H)	475 x 892 x 134mm (empty base), 700 x 1160 x 320mm (packaged)	
Weight	20kg (empty base), 54.5kg (packaged)	

## ABOUT

LT ZERO is a leading provider of comprehensive data management solutions, specializing in data backup, archival, and restoration solutions. Leveraging on cutting-edge technology and strategic collaboration with BDT, a leader in manufacturing of Tape Libraries, LT ZERO ensures robust and reliable data protection for businesses of all sizes.

For more information, please visit [www.ltzero.com](http://www.ltzero.com)