

## MULTISTAK BD 680

LT ZERO MultiStak BD680 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



#### Scalability

Scalable from 80 to 560 splits, ideal for mid to large enterprises.



#### Compatibility

Compatible with various tape technologies for broad IT interoperability



#### High Density

Supports multiple tape drives and high-capacity cartridges for compact, high-density storage.



#### Data Security

Provides AES-256 encryption for secure data storage and WORM functionality to comply with data integrity regulations.



#### Reliability and Redundancy

High reliability with redundant power supplies and a low bit error rate for data integrity and long-term preservation.



#### Management and Monitoring

Perform remote management, diagnostics, and reporting tools



### BENEFITS

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

## TECHNICAL SPECIFICATIONS

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Drive Type	Half-height, Full-height LTO -6 / -7 / -8 / -9 / -10	
Media Type	Ultrium LTO -6 / -7 / -8 / -9 / -10	
Interface Type	SAS or Fibre Channel	
Form Factor	6U	42U
Number of Modules	1 main module	1 main module with 6 expansion
Drive Capacity	Max. 6 HH Drive (or 3FH Drives)	Max. 42 HH Drives (or 21 FH Drives)
Slot Capacity	80	560
Mailslot Quantity	10	70
Number of Magazine	2	14
Native Capacity	From 1.44 PBytes (LTO-9) per Module From 2.4 PBytes (LTO-10) per Module	10.08 PBytes (LTO-9) per Library Up to 16.80 PBytes (LTO-10) per Library
Compressed Capacity (2,5:1)	3.6 PBytes (LTO-9) per Module 6 PBytes (LTO-10) per Module	25.2 PBytes (LTO-9) per Library Up to 42 PBytes (LTO-10) per Library
Transfer Rate	Drive and interface dependent (with LTO-9 400 MB/s)	
Robotic MSBF	2,000,000	
Front Operator Panel	Password-protected with menus for configuration, management, status and diagnostics; 5.7" color display with touch panel	
Remote Management Interface	Via standard Ethernet connection 10/100/1000 Mbit; web-based, no client tool necessary, touch panel 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 268mm (empty base), 800 x 1200 x 615mm (packaged)	
Weight	43.6kg (empty base), 54.5kg (packaged)	

### ABOUT **LT**ZERO

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)