

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 40 to 640 slots, 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 & Redundancy

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



Management & 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.

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TECHNICAL SPECIFICATIONS

SPECIFICATIONS		
Drive Type	Half-height, Full-height LTO -5 / -6 / -7 / -8 / -9	
Media Type	Ultrium LTO -5 / -6 / -7 / -8 / -9	
Interface Type	SAS or Fibre Channel	
Form Factor	6U	42U
Number of Modules	1 main module	1 main module with 6 expansion modules
Drive Capacity	Max. 6 HH Drives (or 3 FH Drives)	Max. 42 HH Drives (or 21 FH Drives)
Slot Capacity	80	560
Mailshot Quantity	10	70
Number of Magazine	2	14
Native Capacity	From 1.44 PBytes (LTO-9) per Module	10.08 PBytes (LTO-9) per Library
Compressed Capacity (2,5:1)	3.6 PBytes (LTO-9) per Module	25.2 PBytes (LTO-9) per Library
Transfer Rate	Drive and interface dependent (with LTO-7 300 MB/s)	
Robotic MSBF	3,000,000	
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 268 mm (empty base), 800 x 1200 x 615 mm (packaged)	
Weight	43.6kg (empty base), 54.5kg (packaged)	



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.