

MULTISTAK BD 680

HIGH-DENSITY TAPE LIBRARY

High-Density. Modular. Built to Scale.

Enterprise Tape Library for Scalable Backup, Archiving & Long-Term Data Protection

LT ZERO MultiStak BD680 is a modular, high-density tape library designed for organizations that require scalable, reliable, and cost-effective data protection. Supporting LTO-7 through LTO-10 technology, BD680 provides flexible expansion from a compact 6U configuration to a full 42U library system.

With enterprise-grade features and a license-free design, BD680 delivers maximum value, simplicity, and long-term confidence.



80 – 560

MEDIA SLOTS

Scalable to your needs



LTO-7 to LTO-10

SUPPORTED

Broad technology compatibility



UP TO 42

HALF-HEIGHT DRIVES

or 21 Full-Height Drives



UP TO 20

PARTITIONS

Dynamically configurable



BUILT FOR ENTERPRISE. DESIGNED TO PROTECT.



**NO ADDITIONAL
LICENSE**

All features
included.
No extra fees.



**ALL SLOTS
FULLY USABLE**

Use every media
slot without
additional license.



**OFFLINE
PARTITION**

Air-gapped
protection with
offline partitions.



**DUAL FC
PER DRIVE**

Dual Fibre Channel
connectivity for
maximum resiliency.



**NO HIDDEN
COST**

Transparent.
Predictable.
No surprises.

KEY BENEFITS



**SCALABLE
ARCHITECTURE**

Expand from
80 to 560 slots and
up to 42 HH drives
or 21 FH drives.



**HIGH DENSITY
STORAGE**

Maximize capacity
with high-density
media slots and
drives.



**RELIABILITY &
REDUNDANCY**

Redundant power
supplies and proven
design for continuous
availability.



**DATA SECURITY
& COMPLIANCE**

AES-256 encryption,
WORM support,
SSL/TLS 1.2 and
LDAP integration.



**MANAGEMENT &
MONITORING**

Remote management,
diagnostics, reporting
with SNMP and
email alerts.



**COMPATIBILITY
& FLEXIBILITY**

Compatible with major
backup applications
and various tape
technologies.



**LONG-TERM DATA
PRESERVATION**

Ideal for archive,
backup, and long-term
retention with
LTO technology.



**COST-EFFECTIVE
STORAGE**

Lower CAPEX & OPEX
with lowest cost
per terabyte.



BD680 – Built to **Archive**.
Designed to **Scale**. Ready to **Protect**.



For more information, please visit
www.ltzero.id

MULTISTAK BD 680

TECHNICAL SPECIFICATIONS

SPECIFICATIONS	BASE MODULE (6U)	FULLY EXPANDED LIBRARY (42U)
		
 Drive Type	Half-height, Full-height LTO-7 / -8 / -9 / -10	
 Media Type	Ultrium LTO-7 / -8 / -9 / -10	
 Interface Type	SAS or Fibre Channel	
 Form Factor	6U	42U
 Number of Modules	1 Main Module	1 Main Module + 6 Expansion Modules
 Drive Capacity	Max. 6 HH Drive (or 3 FH Drives)	Max. 42 HH Drives (or 21 FH Drives)
 Slot Capacity	80	560
 Mail Slot Quantity	10	70
 Number of Magazines	2	14
 Native Capacity (LTO-9)	From 1.44 PBytes (LTO-9) per Module	10.08 PBytes (LTO-9) per Library
 Native Capacity (LTO-10)	From 2.4 PBytes (LTO-10) per Module	Up to 16.80 PBytes (LTO-10) per Library
 Compressed Capacity (2.5:1) LTO-9	3.6 PBytes (LTO-9) per Module	25.2 PBytes (LTO-9) per Library
 Compressed Capacity (2.5:1) LTO-10	6 PBytes (LTO-10) per Module	Up to 42 PBytes (LTO-10) per Library
 Transfer Rate	Drive and interface dependent (with LTO-9 up to 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 Integration	
 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	Sophisticated 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)

WHY MULTISTAK BD680?

 MODULAR SCALABILITY Grow from 80 to 560 slots and up to 42 HH drives or 21 FH drives to meet your business needs.	 LICENSE-FREE PLATFORM No additional licenses for features, slots, or capacity. Use all media slots without any extra fees.	 OFFLINE PARTITION PROTECTION Isolate data with offline partitions for stronger air-gapped protection and cyber resilience.	 DUAL FC CONNECTIVITY PER DRIVE Each drive includes dual Fibre Channel ports for maximum connectivity, flexibility, and resilience.	 NO HIDDEN COST Transparent and predictable investment with no hidden costs or surprise feature activations.
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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.



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Designed to **Scale**. Ready to **Protect**.



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