



SYMPLYPRO XTL 8

8-Slot 1U Compact LTO Tape Library

LTO tape remains the trusted standard for backup and archive across media, healthcare, finance, education and SMB/SME. It delivers high-capacity, low-cost storage that's portable for off-site protection, supports easy interchange and long-term retention. Following the 3-2-1-1 rule—three copies, two media types, one off-site and one offline—adds an affordable cyber-resilience layer for organizations of any size. For governance and security, all models support LTO WORM media (non-erasable, non-rewritable) and AES-256 hardware encryption to enforce retention policies and protect data at rest. [Find out how](#) LTO tape drive total ownership costs compare with HDD and cloud alternatives.

SymplyPRO XTL 8 is a compact 1U entry-level library designed for reliable data protection, featuring support for current LTO generations, including LTO-7, LTO-8 and LTO-9 half-height tape drives. The XTL 8 is ideal for SMBs, quick to deploy, simple to run, providing an impressive balance between capacity and total cost of ownership. Choose the host connectivity that fits your infrastructure—6 Gb/12 Gb SAS (by generation), 8 Gb Fibre Channel, or optional 10 GbE iSCSI / Thunderbolt 3 via external bridge interface adapter—and drop into existing backup and archive workflows. The clear front-panel LCD speeds local setup, while the browser-based UI makes it easy to monitor, move media, run diagnostics, and update firmware from anywhere.

Engineered for operations — removable magazines make bulk import/export fast and safe; easy serviceability of power supplies, tape drives, controllers, and robotics. Front-to-back airflow fits hot-aisle/cold-aisle layouts. Encryption and LTO WORM media support help enforce retention and governance policies. With field-proven mechanics, remote firmware updates for both the library and drives, and industry-leading support backed by a 3-year warranty as standard, SymplyPRO XTL 8 delivers a small library that is straightforward to operate.

Full support for LTFS ensuring simple, cross-platform interchange when you need to hand off projects or vault data. Compatible with leading backup and archive applications that support LTO — Veeam Backup & Replication, Veritas NetBackup, Commvault, Qstar, Arcserve, Retrospect, Bacula, and media-focused tools such as Archiware P5, Hedge Canister, Tiger Bridge, YoYotta, and XenData.

FEATURES & BENEFITS

- **Right-sized automation** — small 1U library with 8 slots delivers true unattended backup/archiving without the footprint of larger libraries.
- **Flexible connectivity** — choose from 6/12 Gb SAS, 8 Gb Fibre Channel (note: optional 10 GbE iSCSI, or Thunderbolt™ 3 via external adapter)
- **No restrictive licences** — all 8 slots are active with one or two drives, are included with the purchase.
- **Total capacity** — delivers up to 144 TB uncompressed using LTO-9 technology, or up to 96 TB with LTO-8.
- **Choice of drives** — supports 1 half-height LTO-8 or LTO-9 drives
- **Operations at a glance** — front-panel display on the base unit plus secure web-based management with email/SNMP alerts and exportable inventory/health reports.
- **Serviceability** — user-serviceable components, plus remote and USB-based firmware updates.
- **LTFS drag-and-drop** — mount tapes like a removable drive for simple copy/move and interchange without heavy backup software.
- **Compatible with leading software** — Veeam Backup & Replication, Veritas NetBackup, Commvault, Qstar, Arcserve, Retrospect, Bacula, and media-focused tools such as Archiware P5, Hedge Canister, Tiger Bridge, YoYotta, and XenData.
- **Security & compliance built-in** — AES hardware encryption and LTO WORM media support or non-erasable, non-rewritable retention.
- **Air-gapped by design** — removable magazines and standard operating procedures make it simple to maintain an air-gapped copy aligned to the 3-2-1-0 best practice.
- **Operational control** — password-protected, browser-based management for authorised administrators; clear audit trails via event logs.
- **Remote management** — secure browser-based control over Ethernet with a mobile-friendly UI.
- **Removable magazines** — two removable magazines enable fast and safe bulk loading and unloading of media.

- **Rack configuration** — ball-bearing slides included for smooth installation and service access.
- **Compliance & certifications** — CE, UKCA, FCC Class A; RoHS.
- **Robotics** — engineered for reliability with up to 1,000,000 MSBF (robotic picks).
- **Warranty** — includes a 3-year warranty and industry-leading support.

Configuration

Rack Units	1U
Number of Tape Slots	8
Number of Half-Height Tape Drives	1
Mail Slots (Import/Export)	1

Interface

Native Interface	SAS	Fibre Channel
LTO-8	6 Gb SFF-8088	8 Gb LC
LTO-9	12 Gb SFF-8644	8 Gb LC
Optional 10 GbE Ethernet or Thunderbolt™ 3 via external adapter		

System Power & Reliability

Robotic MSBF	1,000,000
Power Connection	Single PSU - AC 100-240V

Dimensions

Height	44 mm (1.73 in)
Width	482 mm (18.97 in)
Depth	806 mm (31.73 in)
Weight (No Tape Drives)	11 Kg (24 lb)

Performance & Capacity

Drive Type	Media Type	Performance Native (Compressed**)	Capacity Native (Compressed**)
LTO-10 Full-Height	LTO-10 Enterprise (Aramid)	400 MB/Sec (1000 MB/Sec)	40 TB (100 TB)
LTO-10 Full-Height	LTO-10	400 MB/Sec (1000 MB/Sec)	30 TB (75 TB)
LTO-9 Full-Height	LTO-9	400 MB/Sec (1000 MB/Sec)	18 TB (45 TB)
LTO-9 Full-Height	LTO-8	360 MB/Sec (900 MB/Sec)	12 TB (30 TB)
LTO-9 Half-Height	LTO-9	300 MB/Sec (750 MB/Sec)	18 TB (45 TB)
LTO-8 Half-Height	LTO-8	300 MB/Sec (750 MB/Sec)	12 TB (30 TB)

** Assumes 2.5:1 compression ratio.

Storage & Shipping

Condition	Environmental Specification
Short-term Storage condition	See operating conditions
Long-term Storage condition	See operating conditions
Shipping Conditions ³	5 to 45 °C (41 to 113 °F); 10% to 80% non-condensing. RH; 26 °C (72 °F) dew point maximum

Environmental Specifications

Environmental Factor	Recommended ¹	Allowable ²	Non-Operating
Dry-Bulb Temperature	LTO-9 and LTO-10: 15 to 25 °C (59 to 77 °F) LTO-7 and LTO-8: 16 to 25 °C (61 to 77 °F)	LTO-9 and LTO-10: 15 to 30 °C (59 to 86 °F) LTO-7 and LTO-8: 16 to 35 °C (61 to 95 °F)	5 to 35 °C (41 to 95 °F)
Relative Humidity	20 to 50% (non-condensing)	20 to 80% (non-condensing)	20 to 80% (non-condensing)
Maximum Temperature Change	5 °C (41 °F) / hour	5 °C (41 °F) / hour	5 °C (41 °F) / hour
Maximum Humidity Change	5% / hour	5% / hour	5% / hour
Temperature Limitation for Humidity Conditions	LTO-9 and LTO-10: Max Dew Point 22 °C (72 °F) LTO-7 and LTO-8: Wet Bulb Temperature <= 26 °C (79 °F)		
Maximum Altitude	3,048 m (10,000 ft)	3,048 m (10,000 ft)	12,192 m (40,000 ft)
Dust concentration	Less than 200 microgram / cubic meter		

Media Compatibility

	LTO-10 Media	LTO-9 Media	LTO-8 Media	LTO-7 Media	LTO-6 Media	LTO-5 Media
LTO-10 Drive	✓	✗	✗	✗	✗	✗
LTO-9 Drive	✗	✓	✓	✗	✗	✗
LTO-8 Drive	✗	✗	✓	✓	✗	✗
LTO-7 Drive	✗	✗	✗	✓	✓	R

✓ Read/Write ✗ Incompatible R Read Only

LEARN MORE:

gosymply.com/tape



¹ Recommended: The recommended operational/storage environmental envelope provides guidance on the environmental range for optimal performance and high reliability. This environmental range protects for 30-year archival storage.

² Allowable: The allowable operational/storage environmental envelope defines the test limits to verify that the equipment will function within the environmental envelope. This environmental range is defined for operational storage of less than 6 months.

³ Shipping: When shipping media over extended environmental ranges, shipping times should be limited to minimize the duration of media being exposed to varying environmental conditions at lower and upper ranges. LTO tape media specifications provided by the LTO program at www.lto.org or specifications provided by the media manufacturer.

Note: The prolonged exposure to conditions outside the recommended range, especially approaching the extremes of the allowable operating environment, can result in decreased equipment reliability and longevity. An occasional short-term excursion into the allowable envelope is generally acceptable but may result in performance and reliability implications and higher power consumption.



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Up to 1856% Return on Investment

Valuable resources — Explore how the total cost of ownership (TCO) of LTO tape compares with HDD and cloud storage:

<https://www.lto.org/Data-Economics>

<https://www.lto.org/tco-calculator/>

<https://blog.archiware.com/lto-vs-cloud-storage-costs>