



SYMPPLYPRO LTO-1RU

PROFESSIONAL THUNDERBOLT 3 RACKMOUNT LTO

ADVANCED-DESIGN THUNDERBOLT 3 ENABLED TAPE STORAGE

LTO tape has been the go-to backup and archive medium for content creators since its introduction and remains the number one technology used in backup, archive, content offload and file transport. The reason is simple: it's highly reliable and extremely cost-effective.

Until now most LTO tape systems were re-purposed IT systems or design compromised. With the introduction of the SymplyPRO LTO family that's changed. This innovative new family was designed with creatives in mind to deliver more, from space-effective desktop designs to highly serviceable and upgradeable rack systems.

SymplyPRO LTO-1RU systems feature a rugged 1U rackmount chassis supporting one or two half-height LTO-7, LTO-8, or LTO-9 tape drives. Designed with SymplyCABLELESS™ technology each LTO drive can be user removed for incredible serviceability and easy upgrades while integrated premium whisper quiet fan and power supply provide a solution built for years of trouble-free service. Featuring two Thunderbolt 3 ports for daisy chaining with one providing 60-watt fast device charging, SymplyPRO LTO-1RU also includes SAS Expansion and SAS Host connections in case you need to link other SAS device(s) to your Thunderbolt computer or use it with a non-Thunderbolt enabled workstation. SymplyPRO LTO-1RU is available in a choice of either LTO-7 or LTO-8 configurations with performance up to 300MB/sec per drive.

SymplyPRO LTO-1RU supports the Linear Tape File System (LTFS) allowing simple drag and drop file operation similar to a conventional hard drive. LTFS can reduce the need for backup or archive software and allows users to easily interchange data using LTO cartridges or copy data to and from an available storage device, such as an HDD or SSD.

While SymplyPRO LTO-1RU hardware is a step above, the included feature rich SymplyATOM (Advanced Tape Operations and Management) software makes operation and maintenance easy. SymplyPRO LTO-1RU is also certified for use with popular backup and archive utilities for macOS and Windows including YoYotta, Hedge Canister, XenData and Archiware P5.

FEATURES & BENEFITS

- 1U rackmount for one or two half-height tape drive configurations
- LTO-7, LTO-8, and/or LTO-9 tape drive modules with SymplyCABLELESS™ technology
- Advanced metal alloy 1U rackmount with premium whisper quiet fan and power supply
- SymplyATOM software* for simplified common management tasks and easy support and maintenance
- Supports LTFS and AES 256-bit encryption
- Media cartridge and cleaning tape included
- Optional ruggedized carry case for removable half-height tape drive modules
- Features Kensington T-Bar™ and support for optional SymplyLOCK™ Thunderbolt 3 cable lock
- 3-Year Warranty (optional 2-Year Extension available)

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Specifications

Form Factor	1U rackmount chassis
Dimensions (L x W x H)	43.5 x 48.2 x 4.4 cm (17.1 x 19.0 x 7.0 in)
Weight	6.1 kg (13.4 lbs)
Host Interface	2x Thunderbolt 3 (60W Upstream Charging/15W Downstream Power), 1x miniSAS SFF-8088
Expansion Interface	1x miniSAS SFF-8644
Power Supply	Internal 350W 110V~240V Auto-Switching (Typical 166W)

Performance & Capacity

Drive Type	Media	Speed (Native/Compressed)	Capacity (Native/Compressed)
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)
LTO-7 Half-Height	LTO-7	300 MB/sec (750 MB/sec)	6 TB (15 TB)

Reliability

Drive Type	MTBF (Hours)	MSBF (Hours)	Load/Unload (Cycles)
LTO-9 / LTO-8 / LTO-7	250,000 @ 100% Duty Cycle	100,000	80,000

Environmental

	Temperature	Humidity (non-condensing)	Altitude
Operating	15°C to 35°C (59°F to 95°F)	20% to 80%	3,048 m (10,000 ft)
Non-Operating (excludes media)	-40°C to 60°C (-40°F to 140°F)	10% to 90%	12,192 m (40,000 ft)

Operating System Support

Thunderbolt 3	Apple macOS 10.13+, Microsoft Windows 10, Windows Server 2016, Window Server 2019
SAS	Microsoft Windows, Red Hat Linux, Apple macOS. Check SAS HBA driver support for all OS compatibility.

Ordering Information

Model	Part Number	Included Accessories
SymplyPRO LTO-1RU LTO-7	SYPR1-RT3L7HH2-A0	(1) LTO-7 Media Tape, (1) LTO Cleaning Tape, 2m Active TB3 Cable, SymplyATOM software
SymplyPRO LTO-1RU LTO-8	SYPR1-RT3L8HH2-A0	(1) LTO-8 Media Tape, (1) LTO Cleaning Tape, 2m Active TB3 Cable, SymplyATOM software
SymplyPRO LTO-1RU LTO-9	SYPR1-RT3L9HH2-A0	(1) LTO-8 Media Tape, (1) LTO Cleaning Tape, 2m Active TB3 Cable, SymplyATOM software
Symply LTO-7 HH Drive	SYLTO-iSRL7HH1-00	(1) LTO-7 Media Tape
Symply LTO-8 HH Drive	SYLTO-iSRL8HH1-00	(1) LTO-8 Media Tape
Symply LTO-9 HH Drive	SYLTO-iSRL9HH1-00	(1) LTO-9 Media Tape