



SYMPLYPRO LTO-2RU

ULTRA 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-2RU is built on a rugged 2U rackmount chassis supporting one or two full-height LTO-9 tape drives. Designed with SymplyCABLELESS™ technology each LTO drive can be user removed for incredible serviceability and easy upgrades while integrated Noctua quiet fans and a premium 350W 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-2RU 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-2RU provides staggering read/write performance up to 400 MB/sec per drive.

SymplyPRO LTO-2RU 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-2RU hardware is a step above, the included feature rich SymplyATOM (Advanced Tape Operations and Management) software makes operation and maintenance easy. SymplyPRO LTO-2RU 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

- 2U rackmount for one or two full-height tape drive configurations
- LTO-9 full-height tape drive modules with SymplyCABLELESS™ technology
- Advanced metal alloy 2U rackmount with two Noctua quiet fans and premium 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 full-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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SYMPLYPRO LTO-2RU

Specifications

| | |
|-------------------------------|--|
| Form Factor | 2U rackmount chassis |
| Dimensions (L x W x H) | 43.5 x 48.2 x 8.8 cm (17.1 x 19.0 x 3.5 in) |
| Weight | 10.2 kg (22.5 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 Full-Height | LTO-9 | 400 MB/sec (900 MB/sec) | 18 TB (45 TB) |

Reliability

| Drive Type | MTBF (Hours) | MSBF (Hours) | Load/Unload (Cycles) |
|---------------|---------------------------|--------------|----------------------|
| LTO-8 / LTO-7 | 250,000 @ 100% Duty Cycle | 100,000 | 300,000 |

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-2RU LTO-9 | SYPR2-RT3L9FH2-A0 | (1) LTO-9 Media Tape, (1) LTO Cleaning Tape, 2m Active TB3 Cable, SymplyATOM software |
| Symply LTO-9 FH | SYLTO-iSCL9FH1-00 | (1) LTO-9 Media Tape |