SYMPLY

PMD DATA SOLUTIONS

SYMPLYLTO

PROFESSIONAL SAS DESKTOP LTO

ADVANCED-DESIGN SAS TAPE STORAGE

LTO tape has been the go-to backup and archive medium for companies in media, healthcare, finance, and other such industries that have stringent regulatory or data integrity requirements. LTO provides high capacity storage that can be transported off-site and interchanged for collaboration, disaster recovery, or long term archiving. Since its introduction it remains the number one technology used in backup, archive, content offload and file transport. The reason is simple: it's highly reliable and highly cost-effective.

SymplyLTO SAS delivers a simple, affordable and green solution that customers can rely on for their data protection needs whether that be for backup and/or archive. Available with a half-height LTO-7 or LTO-8 tape drive in a compact and stylish all metal alloy enclosure with integrated premium power supply and whisper quiet fan technology. Furthering customer options, SymplyLTO SAS XTH and XTF models provide dual drive support or a single full-height LTO-9 solution respectively. 1RU and 2RU solutions are also available in single or dual drive configurations, with all desktop and rackmount SymplyLTO dual drive configurations featuring SymplyCABLELESS™ connectivity for unrivalled serviceability and easy upgrades.

SymplyLTO SAS configurations feature Linear Tape File System (LTFS) support. 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 copying data to and from hard drives or SSDs.

SymplyATOM is an advanced intuitive and informative Tape management and operations tool set specially designed to provide casual and expert-level users equal access to the essential features users need for daily tape operations without resorting to cumbersome and overblown full applications. Additionally ATOM contains extensive easy to use single button troubleshooting and diagnostic capabilities along with complete contextual help and assistance tools.
Available for macOS and Windows OS, it is designed to work with the SymplyLTO family of products, and be an out of the box solution not only for reading and writing LTFS tapes, but also for diagnostic control, log gathering and updating firmware of the SymplyLTO products.

FEATURES & BENEFITS

- Desktop single drive configuration
- Available with LTO-7 or LTO-8 half-height tape drive
- Advanced metal alloy enclosure with premium whisper quiet fan and power supply technology
- 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
- 2m SFF-8088 to SFF-8088 miniSAS cable included
- Features Kensington T-Bar™ lock
- 3-Year Warranty (optional 2-Year Extension available)

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*SymplyATOM is currently a macOS only application

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Specifications

Form Factor	Desktop
Dimensions (L x W x H)	26.3 x 21.1 x 6.3 cm (10.3 x 8.3 x 2.5 in)
Weight	2.6 kg (8.4 lbs)
Host Interface	1x miniSAS SFF-8088
Expansion Interface	1x miniSAS SFF-8088
Power Supply	Internal 75W 110V~240V Auto-Switching (Typical 40W)

Performance & Capacity

Drive Type	***Media***	***Speed*** *(Native/Compressed)*	***Capacity*** *(Native/Compressed)*
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-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

SAS	Microsoft Windows, RHEL 7.8 & 8.2, SLES 12, Ubuntu 18.04 LTS, macOS. Check SAS HBA driver support.

Ordering Information

Model	***Part Number***	***Included Accessories***
SymplyLTO SAS LTO-7	SYSAS-DS1L6HH1-AR	(1) LTO-7 Media Tape, (1) LTO Cleaning Tape, 2m SFF-8088 Cable, SymplyATOM software
SymplyLTO SAS LTO-8	SYPRO-DS1L7HH1-AR	(1) LTO-8 Media Tape, (1) LTO Cleaning Tape, 2m SFF-8088 Cable,, SymplyATOM software