

SYMPPLYDIT LTO

PROFESSIONAL THUNDERBOLT 3 DESKTOP LTO FOR DIT



ADVANCED-DESIGN THUNDERBOLT 3 ENABLED TAPE STORAGE

SymplyDIT LTO is a unique full-featured archive and transfer system designed specifically for on-set and DIT use with features that can enhance every production and post-production pipeline. SymplyDIT LTO is based on our advanced desktop SymplyPRO LTO product line that features a rugged metal alloy enclosure and premium whisper-quiet fan and power supply technology, but benefits from unique multi-access technology that combines docking support for Atomos media along with any 2.5" SSD media for fast all-in-one DIT operations.

Unlike others, this is not a re-purposed LTO IT system or highly-design-compromised tape product. The SymplyDIT LTO was designed by working with media professionals and hearing their needs and wants. We took what they asked for, added high-quality components and SymplyDIT LTO was born. Configurations are available with either LTO-7, LTO-8, or LTO-9 tape drives offering read/write speeds up to 300 MB/sec and include two Thunderbolt 3 ports for device daisy chaining, with one port providing 60 watts for fast device charging. SAS Expansion and SAS host connectivity is also built-in, just in case you need to connected other SAS device(s) to your Thunderbolt computer, or use the device with a non-Thunderbolt workstation.

SymplyDIT LTO 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 disk drives or SSDs.

SymplyATOM (Advanced Tape Operations and Management) is a feature rich software application includes with SymplyDIT LTO that makes operation and maintenance easy. SymplyDIT LTO systems are also certified for use with popular backup and archive utilities for macOS and Windows including YoYotta, Hedge Canister, XenData, and Archiware P5.

If you are looking for a competitive edge to help you meet tight production deadlines or just want to make on-set production and post-production more efficient, you should consider SymplyDIT LTO.

FEATURES & BENEFITS

- Desktop design combines LTO tape and two removable 2.5" SSD bays for fast all-in-one DIT storage operations
- LTO-7, LTO-8, or LTO-9 tape drive technology
- Advanced metal alloy enclosure 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(s) and cleaning tape included
- Optional ruggedized carry case
- 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	Desktop
Dimensions (L x W x H)	27.5 x 21.1 x 9.2 cm (10.4 x 8.3 x 2.5 in)
Weight	3.8 kg (8.4 lbs)
Host Interface	2x Thunderbolt 3 (60W Upstream Charging/15W Downstream Power), 1x miniSAS SFF-8088
Expansion Interface	1x miniSAS SFF-8088
Power Supply	Internal 200W 110V~240V Auto-Switching (Typical 136W)
SSD Readers	2x bays with native support for Atomos Master Caddy II compatible media, or any 2.5" SSD via included adapters

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
SymplyDIT LTO-7	SYDIT-DT3L7HH1-A0	(1) LTO-7 Media Tape, (1) LTO Cleaning Tape, 2m Active TB3 Cable, SymplyATOM software (2) 2.5" SSD Adapter Sleds supporting up to 9.5mm drives
SymplyDIT LTO-8	SYDIT-DT3L8HH1-A0	(1) LTO-8 Media Tape, (1) LTO Cleaning Tape, 2m Active TB3 Cable, SymplyATOM software (2) 2.5" SSD Adapter Sleds supporting up to 9.5mm drives
SymplyDIT LTO-9	SYDIT-DT3L9HH1-A0	(1) LTO-9 Media Tape, (1) LTO Cleaning Tape, 2m Active TB3 Cable, SymplyATOM software (2) 2.5" SSD Adapter Sleds supporting up to 9.5mm drives