

## actiTape LTO Professional Line

LTO SAS Tape Drive in an 1U Rackmount Chassis  
or in an External Enclosure



### Product Highlights

- Robust in 1U Rackmount Chassis or external Enclosure (Tabletop)
- Built-in Power Supply Unit incl. separate ON/OFF switch
- Proven LTO-9 / LTO-8 technology with SAS Interface
- Up to 18TB Capacity (compressed up to 45TB\* per Data Cartridge)
- Up to 300 MB/s native data transfer rate (compressed up to 750MB/s\*)
- Connection to a centralized server via one external 6G or 12G SAS Interface supported for most popular backup and archive management software
- 36 Months limited warranty
- 36 Months exchange in advance Service (Fast Exchange Service)

### Linear Tape Open – LTO Tape Technologie

LTO technology has established itself as a State-of-the-art standard in the data backup and archiving market segment. With a LTO-9 capacity per Medium of 18-45\* TB and a data recording speed of up to 300-750\* MB/s, the vast majority of requirements for an exchangeable medium in small and medium-sized IT environments are met.

### Make saving Mission Critical Data easy

The actiTape LTO 1U or External Professional is easily connectable to an existing server via the built-in SAS interface and will be operated by a server based backup or archive software. Loading and unloading of LTO media can be done easily by man. This allows mission-critical data to be stored on an exchangeable medium and kept securely at an external location.

### Service & Support included

actiCare service stands for a 36-month limited warranty including the proven Fast Exchange Service (Advance Replacement of defective parts) as well as free technical support by phone, e-mail and internet in English.

\* 2,5 : 1 Data Compression inline with LTO Standard

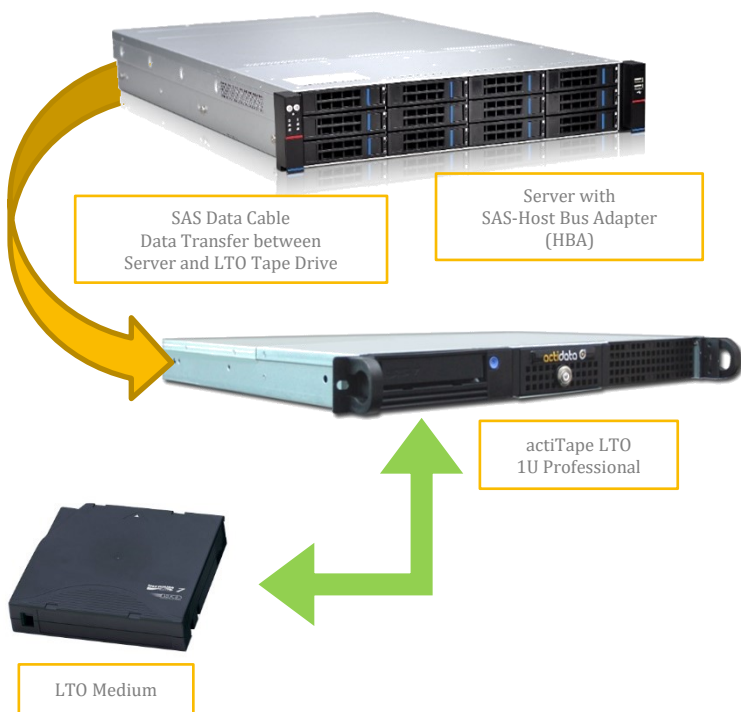
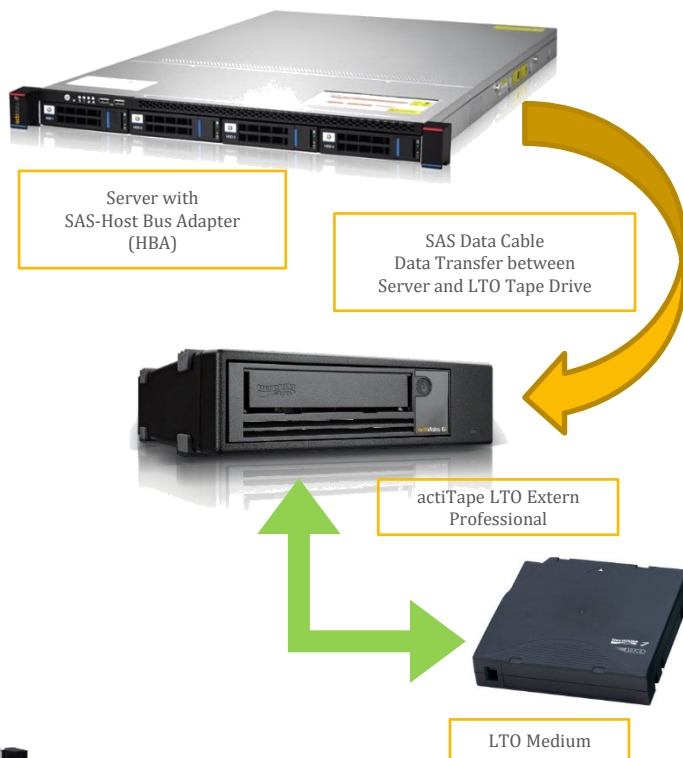
## actiTape LTO Professional

LTO Tape Drive connected to an centralized server

The external actiTape LTO Tape Drive has its own built-in power supply unit. The data are carried out via a powerful SAS interface, depend on model where an SFF-8088 or SFF8644 connector is equipped. Based on the SAS Host Bus Adapter (HBA), the SAS data cable must be selected correctly matching the server's interface. Today's SAS HBAs are usually equipped with external connectors according to the 6G SFF-8088 or the 12G SFF-8644 standard.

### Note:

The actiTape LTO External Professional delivery scope does not include an SAS data cable. However, these are available as options in the SFF-8088 to SFF-8088 and SFF-8088 to SFF-8644 variants.



## actiTape LTO Professional

Selection of Backup or Archive Software

The operation of the actiTape LTO Professional Drives (Tape Drives) requires backup or archiving software, which must be selected according to the requirements and installed on the server.

The backup or archiving software manages data on LTO media. Usually, the table of contents of the used media are also available in software's data bases, which allows a quick retrieval.

### Tipp:

The manual, unique labelling by the user of LTO media protect for media mismatch. Labels beside the LTO media contents are very helpful.

## Backup and Archive Software with actiTape LTO Professional Line

Most known Software Manufacturer with professional applications support the actiTape LTO Professional Line.  
As examples:

VEEAM

VERITAS

Acronis



IPERIOUS  
BACKUP



Retrospect



NOVASTOR

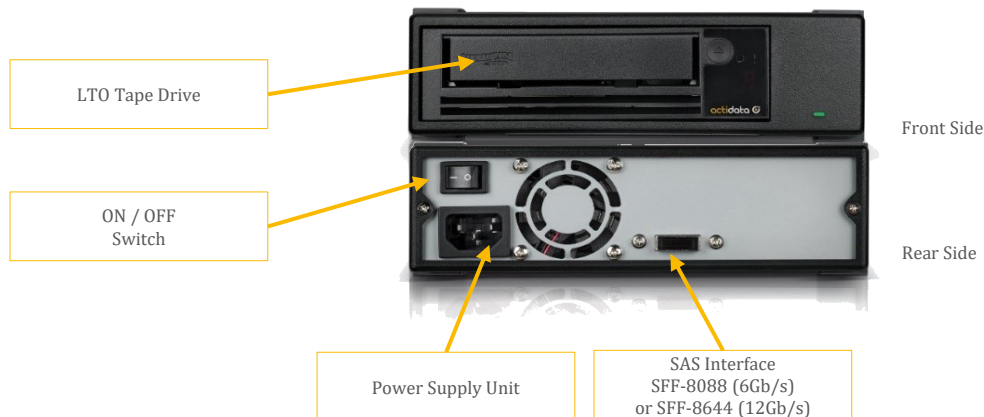


ARCHIWARE

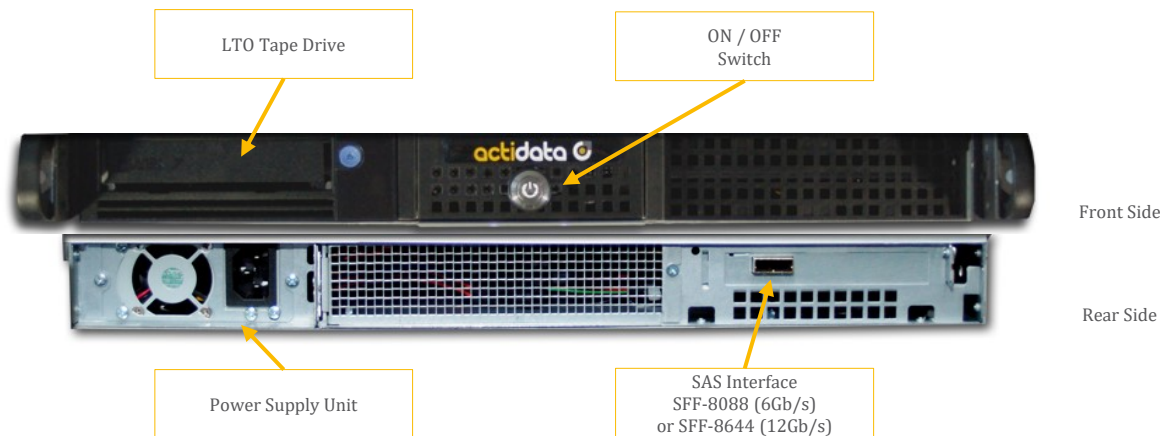
arcserve



## actiTape LTO External Professional:



## actiTape LTO 1U Professional:



## Compatibility LTO Recording Standard:

		LTO Technology								
		LTO-9	LTO-8	LTO-7	LTO-6	LTO-5	LTO-4	LTO-3	LTO-2	LTO-1
LTO Media	LTO-9	R/W	-	-	-	-	-	-	-	-
	LTO-8	R/W	R/W	-	-	-	-	-	-	-
	LTO-7 Type M	-	R/W	-	-	-	-	-	-	-
	LTO-7	-	R/W	R/W	-	-	-	-	-	-
	LTO-6	-	-	R/W	R/W	-	-	-	-	-
	LTO-5	-	-	R	R/W	R/W	-	-	-	-
	LTO-4	-	-	-	R	R/W	R/W	-	-	-
	LTO-3	-	-	-	-	R	R/W	R/W	-	-
	LTO-2	-	-	-	-	-	R	R/W	R/W	-
	LTO-1	-	-	-	-	-	-	R	R/W	R/W
CC-Cleaning		yes	yes	yes	yes	yes	yes	yes	yes	yes

Status: October 2021 / R = Read compatible / W = Write compatible  
 - = LTO-Format is not supported

# actiTape LTO Professional Line

## Technical Data

Product Type	actiTape LTO External Professional	actiTape LTO IU Professional
Description	LTO Tape Drive (HH half high) in external Enclosure (Tabletop)	LTO Tape Drive (HH half high) in IU Rackmount / Chassis
Application	LTO Backup Tape Drive for connection to a server via SAS interface	
Recording Technology	LTO-9 / LTO-8 Depending on type of Tape Drive	
Capacity native/compressed*	LTO-8: 12TB / 30TB LTO-9: 18TB / 45TB	
Compatibility Write/Read	LTO-7: Write LTO-7 / LTO-6; Read LTO-7 / LTO-6 / LTO-5 LTO-8: Write LTO-8 / LTO-7; Read LTO-8 / LTO-7 LTO-9: Write LTO-9 / LTO-8; Read LTO-9 / LTO-8	
Interface	Serial SCSI (SAS) – SFF-8088 or SFF-8644 external connector	
Power Supply Unit	110-240 Volt 50W	110-240 Volt min. 250W
Power Consumption (typ.)	ca. 34W	ca. 35W
Operation Conditions	Temperature: 10-35°C (Operation) / -10°C - 50°C (Transportation) Humidity (not condensed): 20-50% (recommended with change <5%/h)	
Dimension Weight	98 x 59 x 259 mm (W x H x D) ca. 3,8kg	480 x 44,5 x 585 mm (W x H x D) ca. 7,4kg
Limited Warranty	36 Months (3 Years) incl. Fast Exchange Service (FESc) E-Mail/Internet-Support & Telephone Hotline	
Certification	CE, TÜV-Safety, RoHS	
Optional Accessories	LTO Cleaning Cartridge, LTO Data Cartridge (Medium) SAS Cable, SAS Host Bus Adapter Telescope-Rails (for IU Version only)	

\* 2,5 : 1 Data Compression inline with LTO Standard

## actiTape LTO Professional Line

### Product Configurations:

Item No.	Product Configuration: actiTape LTO Professional Line
I8202000	actiTape LTO-8 external professional (extern Tabletop), SAS 6G (SFF-8088)
I9202000	actiTape LTO-9 external professional (extern Tabletop), SAS 12G (SFF-8644)
I8402000	actiTape LTO-8 IU professional (extern Rackmount), SAS 6G (SFF-8088)
I9402000	actiTape LTO-9 IU professional (extern Rackmount), SAS 12G (SFF-8644)