

Data Sheet

Fujitsu LTO Desktop Drive

Entry backup device into LTO tape storage

LTO Tape technology

Tape remains a key component of the data center and is ideally suited for long-term data protection. The successful path taken in the tape storage sector is continued with the sixth generation of the Linear Tape Open (LTO) standardized drive technology. The performance, capacity and reliability of the LTO tape technology meet current and future requirements. Native encryption and WORM capability offer customers the security features needed for compliance and privacy initiatives. Thanks to backwards compatibility the LTO technology offers a very high investment protection.

LTO Desktop Drive

The LTO Desktop Drive from Fujitsu is an entry-level component into the tape backup and is available with LTO-4, LTO-5 or LTO-6 technology. The models can be attached to various open system servers via the SAS (Serial Attached SCSI) interface.

The LTO Desktop drive with the new LTO-6 technology typically provides a transfer rate of 1.44TB/hr and can store 6.25 TB onto a single LTO-6 cartridge, assumed an improved compression rate of 2.5.

For customers still using older tape technologies, the new LTO-6 technology will offer a significant return on investment opportunity by reducing backup time and the number of tapes needed, and also provides substantial features for long-term data protection.



Features & Benefits

Main Features	Benefits
LTO technology <ul style="list-style-type: none">■ High data capacity■ High transfer rate■ Backwards compatibility	<ul style="list-style-type: none">■ 6.25TB data on a single cartridge (LTO-6, 2.5:1 compression)■ Backup of 1.4TB data in one hour (LTO-6, 2.5:1 compression)■ Existing tape media can be used■ High investment protection
Interface <ul style="list-style-type: none">■ SAS technology	<ul style="list-style-type: none">■ Future-proof, fault-tolerant, robust■ High data throughput
Data protection and compliance <ul style="list-style-type: none">■ Encryption support■ WORM capability	<ul style="list-style-type: none">■ High data security■ Fulfills legal and regulatory compliance requirements
Dimension <ul style="list-style-type: none">■ Half height drive	<ul style="list-style-type: none">■ Cost saving: cheaper than full height drive■ Smaller, needs less space

Technical details

General system information

Basic configuration	LTO-6, half height	LTO-5, half height	LTO-4, half height
Tape system interface	SAS	SAS	SAS
Number of tape drives	1 HH		
Max. data throughput nat./compr.	576 / 1440 GB/hr	504 / 1008 GB/hr	288 / 576 GB/hr
Write/read speed	160 / 400 MB/s	140 / 280 MB/s	80 / 160 MB/s
Variable speed recording uncompr.	53 - 160 MB/s	44 - 140 MB/s	33 - 80 MB/s
Buffer size	512 MB	256 MB	128 MB
Recording format	Multiple track linear		
Maximum data rate	6 Gbit/s		3 Gbit/s
Media Capacity (uncompr./compr.)	2500 GB / 6250 GB	1500 GB / 3000 GB	800 GB / 1600 GB
Backwards compatible	Read/write compatibility with LTO-5 Read compatible with LTO-4	Read/write compatibility with LTO-4 Read compatible with LTO-3	Read/write compatibility with LTO-3 Read compatible with LTO-2
Tape width	1/2 inch		
Encryption	possible		
Compression note	Compressed data assume a compression factor of 2 (LTO-4, LTO-5) or 2.5 (LTO-6). The compression factor depends on the data structure.		

Installation specification

Dimension (W x D x H) - standard	390 x 470 x 290 mm
Weight	3750 g
Power voltage	85 - 264 V (+/- 5 %)
Power frequency	50 / 60 Hz (+/- 5 %)
Switched OFF mode	3.5 W
Unit ready (no tape loaded into drive)	32 W
Write/read data	48 W

Environmental

Temperature (Operating)	10 - 35 °C
Humidity (Operating)	20 - 80 % (relative humidity, non-condensing)
Humidity (Not Operating)	10 - 90 % (non-condensing)

Compliance

Product safety	EN 60950-1, IEC 60950-1
Electromagnetic Compatibility	EN 55022 Class A, EN 61000-3-3, EN 61000-3-2, FCC Part-15 Class A
Electromagnetic Immunity	EN 55024
CE certification	2004/108/EC, 2006/95/EC, 2011/65/EC
Environmental compliance	RoHS compliant, WEEE compliant
Compliance notes	There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons can be applied for on request.

Warranty

Standard Warranty	1 year
Warranty Terms & Conditions	http://support.ts.fujitsu.com/warranty/
Recommended Service	7x24, Onsite Response Time: 4h
Service Weblink	http://www.fujitsu.com/fts/services/support/

Fujitsu OPTIMIZATION Services

In addition to Fujitsu LTO Desktop Drive, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

Fujitsu Portfolio

Build on industry standards, Fujitsu offers a full portfolio of IT hardware and software products, services, solutions and cloud offering, ranging from clients to datacenter solutions and includes the broad stack of Business Solutions, as well as the full stack of Cloud offering. This allows customers to leverage from alternative sourcing and delivery models to increase their business agility and to improve their IT operation's reliability.

Computing Products

www.fujitsu.com/global/services/computing/

Software

www.fujitsu.com/software/

More information

Learn more about Fujitsu LTO Desktop Drive, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website.
www.fujitsu.com/fts/tape

Fujitsu green policy innovation

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to contribute to the creation of a sustainable environment for future generations through IT. Please find further information at <http://www.fujitsu.com/global/about/environment/>



Copyrights

All rights reserved, including intellectual property rights. Changes to technical data reserved. Delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner. For further information see www.fujitsu.com/terms
Copyright © Fujitsu Technology Solutions

Disclaimer

Technical data are subject to modification and delivery subject to availability. Any liability that the data and illustrations are complete, actual or correct is excluded. Designations may be trademarks and/or copyrights of the respective manufacturer, the use of which by third parties for their own purposes may infringe the rights of such owner.

Contact

FUJITSU Technology Solutions
Email: storage-pm@ts.fujitsu.com
Website: www.fujitsu.com/fts/storage
2013-01-30 CE-EN