HPE STOREEVER LTO ULTRIUM TAPE DRIVES

Tape Drives-Ultrium

WHAT'S NEW

- HPE StoreEver LTO-9 Ultrium 45000 Tape Drives are now available, capable of storing up to 45 TB (compressed 2.5:1) per cartridge
- HPE StoreEver LTO-9 Ultrium 45000 Tape Drives are available on as 12GB/s SAS interface

OVERVIEW

HPE StoreEver LTO Ultrium Tape Drives represent nine generations of linear tape open (LTO) technology capable of storing up to 45TB [1] per cartridge, with hardware data encryption, HPE StoreOpen with linear tape file system (LTFS) for ease of use at an unprecedented performance. Data hardware encryption using AES 256-bit provides easy-to-enable security to protect the most sensitive data and prevent unauthorized access of tape cartridges.LTFS is an open format for storing data on tape that makes LTO generation 5 and later tapes self-describing and file-based. Capable of data transfer rates up to 300 MB/s native, the data rate matching further helps optimize performance by matching host system

speed to keep drives streaming, thus enabling a faster tape performance.

FEATURES

Outstanding Capacity, Performance, Monitoring, Encryption, and File Sharing with LTFS

HPE StoreEver LTO Ultrium Tape Drives provide up to 45 TB[1] of compressed capacity on a single cartridge.

HPE StoreOpen software and LTFS allows customers to store data in an open format making the tape self-describing and file-based.

Enables even the tightest backup window to be met with higher quality performance.

Provides one of the highest level of security with encryption for strong backup data privacy to secure confidential information and address compliance quickly and with fewer cartridges.

Reliable, Well Connected, and Compatible

HPE StoreEver LTO Ultrium Tape Drives allows the tape drive to near-continuously adjust the speed of the drive to keep drives streaming to help maximize performance and reduce start/stops which significantly increase reliability of Hewlett Packard Enterprise drives and media.

SAS models qualified on Hewlett Packard Enterprise and non-Hewlett Packard Enterprise servers; including popular platforms from vendors such as Dell, IBM, and Sun. See HPE StoreEver compatibility matrix on the right rail for more information.

Extensive list of supported backup and archiving software applications from Micro Focus, Veeam, VERITAS, Dell EMC, IBM, Commvault and many more.

Complete Solution Straight Out of the Box

HPE StoreEver LTO Ultrium Tape Drives provides HPE LTO media, cables, and user guides.

For IT organizations with stringent, long-term data retention requirements, WORM data protection capability offers a simple and reliable method for archiving records allowing customers to affordably meet the toughest industry compliance regulations.

Technical specifications   HPE StoreEver LTO Ultrium Tape Drives

Recording technology	LTO Ultrium
Drive type	Standalone HPE StoreEver LTO Ultrium Tape Drives
Capacity	45 TB Compressed 2.5:1, maximum with LTO-9
Host interface	6 Gb/s SAS up to LTO-8, 12 Gb/s SAS LTO-9
Transfer rate	300 MB/s native, maximum, depending on model
WORM capability	LTO-8 Ultrium 30750, LTO-7 Ultrium 15000, LTO-6 Ultrium 6250, LTO-5 Ultrium 3000
Encryption capability	AES 256-bit
Form factor	5.25-inch half-height
Product Dimensions (metric)	External Drives: 7.7 x 22.3 x 29.5 cm, Internal Drives: 4.1 x 14.5 x 20.6 cm
Weight	External Drives: 4.65 kg, Internal Drives: 1.45 kg