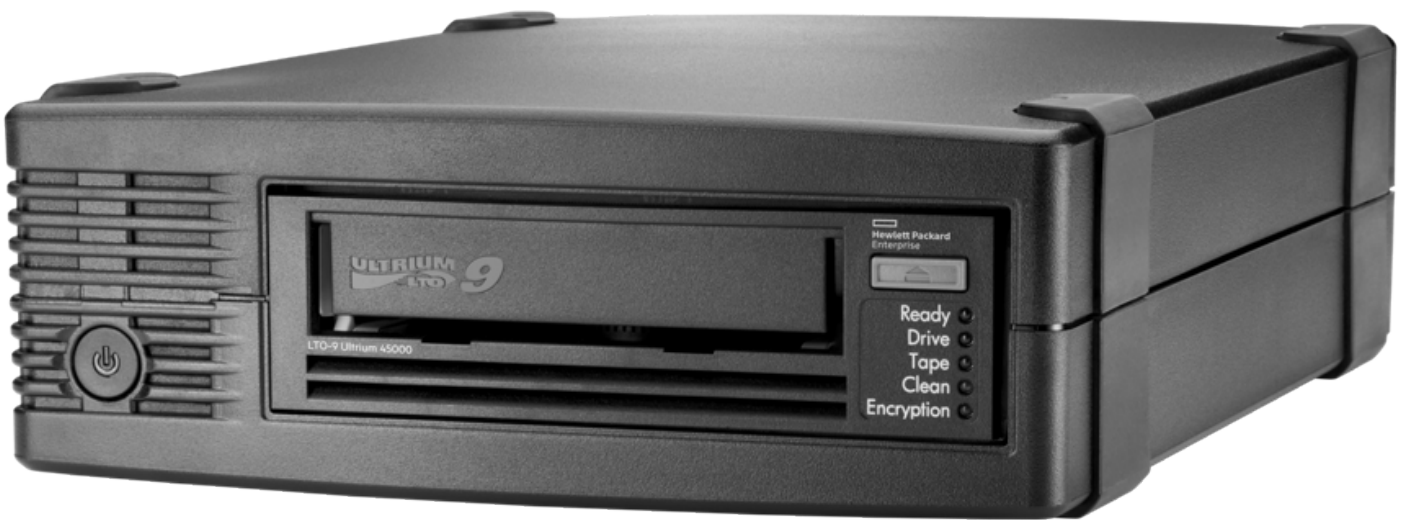


# HPE StoreEver LTO Ultrium Tape Drives



## 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<sup>[1]</sup> 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 Oracle. 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

|                                    |  |
|------------------------------------|--|
| <b>Recording technology</b>        | LTO Ultrium  |
| <b>Drive type</b>                  | Standalone HPE StoreEver LTO Ultrium Tape Drives                                 |
| <b>Capacity</b>                    | 45 TB Compressed 2.5:1, maximum with LTO-9                                       |
| <b>Host interface</b>              | 6 Gb/s SAS up to LTO-8, 12 Gb/s SAS LTO-9  |
| <b>Transfer rate</b>               | 300 MB/s native, maximum, depending on model                                     |
| <b>WORM capability</b>             | LTO-8 Ultrium 30750, LTO-7 Ultrium 15000, LTO-6 Ultrium 6250, LTO-5 Ultrium 3000 |
| <b>Encryption capability</b>       | AES 256-bit  |
| <b>Form factor</b>                 | 5.25-inch half-height  |
| <b>Product dimensions (metric)</b> | External Drives: 7.7 x 22.3 x 29.5 cm, Internal Drives: 4.1 x 14.5 x 20.6 cm     |
| <b>Weight</b>                      | External Drives: 4.65 kg, Internal Drives: 1.45 kg                               |
| <b>Warranty</b>                    | 3-year parts, no labor, no onsite support coverage.                              |

[1] With HPE StoreEver LTO-9 and 2.5:1 compression



For additional technical information, available models and options, please reference the [QuickSpecs](#)

## HPE Services

No matter where you are in your transformation journey, you can count on HPE Services to deliver the expertise you need when, where and how you need it. From strategy and planning to deployment, ongoing operations and beyond, our experts can help you realize your digital ambitions.

### Consulting services

Experts can help you map out your path to hybrid cloud and optimize your operations.

### Managed services

HPE runs your IT operations, giving you unified control, so can focus on innovation.

### Operational services

Optimize your entire IT environment and drive innovation. Manage day-to-day IT operational tasks while freeing up valuable time and resources.

- HPE Complete Care Service: a modular service designed to help optimize your entire IT environment and achieve agreed upon IT outcomes and business goals. All delivered by an assigned team of HPE experts.
- HPE Tech Care Service: the operational service experience for HPE products. The service provides access to product specific experts, an AI driven digital experience, and general technical guidance to help reduce risk and search for ways to do things better.

### Lifecycle Services

Address your specific IT deployment project needs with tailored project management and deployment services.

### HPE Education Services

Training and certification designed for IT and business professionals across all industries. Create learning paths to expand proficiency in a specific subject. Schedule training in a way that works best for your business with flexible continuous learning options.

The [Defective Media Retention \(DMR\)](#) service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction. [Comprehensive Defective Material Retention \(CDMR\)](#) allows you to keep all data retentive components.

## HPE GreenLake

[HPE GreenLake edge-to-cloud platform](#) is HPE's market-leading as-a-Service offering that brings the cloud experience to apps and data everywhere – data centers, multi-clouds, and edges – with one unified operating model, on premises, fully managed in a pay per use model.

If you are looking for more services, like **IT financing solutions**, please explore them [here](#).

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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product quick-specs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

Image may differ from the actual product  
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