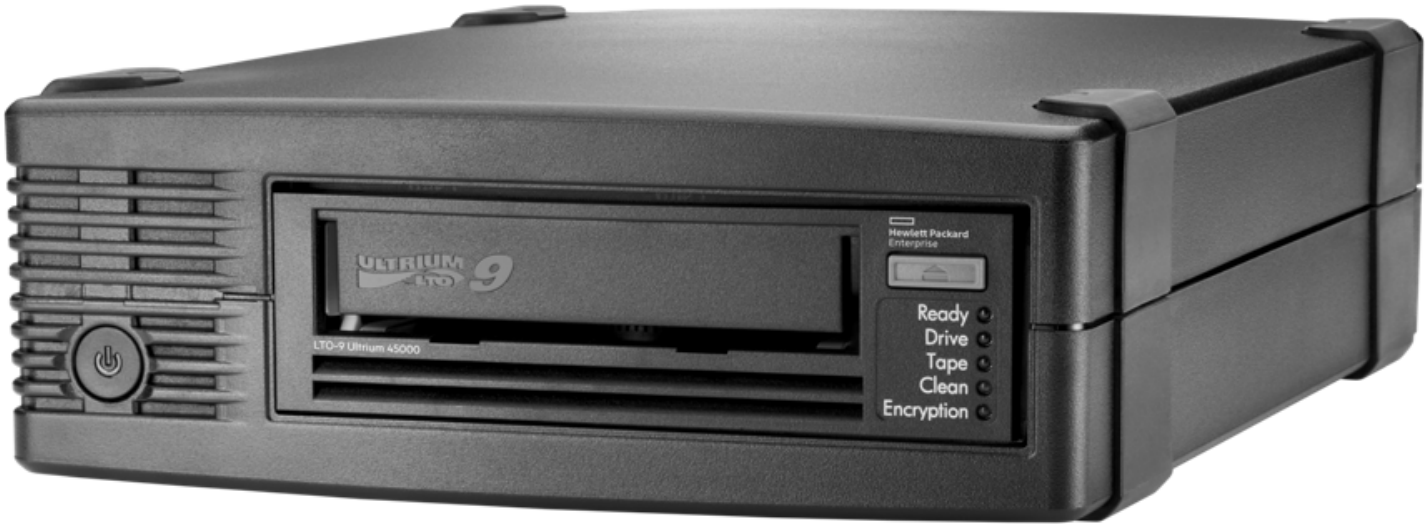
Data sheet

HPE Storage LTO Ultrium Tape Drives

HPE StoreEver LTO-9 Ultrium 45000 External Tape Drive (BC042A)



What's new

- HPE Smart Choice models available with external tape drives featuring LTO-7, LTO-8, and LTO-9 technology can be quoted in minutes and shipped quickly through HPE authorized partners.

Overview

HPE Storage LTO Ultrium Tape Drives (formerly known as HPE StoreEver LTO Ultrium Tape Drives) represent nine generations of linear tape open (LTO) technology capable of storing up to 45 TB [1] per cartridge, with hardware data encryption, 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, High Performance, Monitoring, Encryption, and File Sharing with LTFS

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

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

Delivers high-performance data protection with encryption to safeguard confidential information, enhance cyber resilience, and meet compliance requirements efficiently with fewer cartridges.

Reliable, Well Connected, and Compatible

HPE Storage LTO Ultrium Tape Drives continuously adjust their speed to maintain streaming, maximizing performance and minimizing start-stop cycles—greatly enhancing the reliability of Hewlett Packard Enterprise drives and media.

SAS models are qualified on HPE and non-HPE servers; including popular platforms from vendors such as IBM and Quantum. See HPE Storage Single Point of Connectivity Knowledge

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

Complete Solution Straight Out of the Box

HPE Storage LTO Ultrium Tape Drives provide 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-9 Ultrium 45000 External Tape Drive
Product Number	BC042A
Recording technology	LTO-9 Ultrium 45000
Drive type	Standalone HPE Storage LTO Ultrium Tape Drives
Capacity	45 TB compressed 2.5:1
Host interface	12 Gb/s SAS
Transfer rate	300 MB/s native maximum
WORM capability	Yes
Encryption capability	AES 256-bit
Form factor	5.25-inch half-height
Product dimensions	7.7 x 22.3 x 29.5 cm
Weight	4.65 kg
Warranty	Hewlett Packard Enterprise provides a 3-year, next-day, product exchange, limited warranty for all the Ultrium Tape Drives, plus 9x5 phone support for the duration of the warranty. No labor or on-site support coverage.

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

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.

Advisory & Professional 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.

Support 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.

— **HPE Multivendor Services:** Single point of accountability for managing on-site hardware and software support for multivendor products. HPE experts help manage your IT across technologies and platforms for HPE and non-HPE technologies, acting as the single point of contact for your IT operational needs.

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

Defective Media Retention is optional and allows you to retain Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

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.

For additional technical information, available models and options, please reference the QuickSpecs

Visit HPE.com

Chat now

© Copyright 2025 Hewlett Packard Enterprise Development LP. The information contained herein is subject to change without notice. The only warranties for Hewlett Packard Enterprise products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Hewlett Packard Enterprise shall not be liable for technical or editorial errors or omissions contained herein.

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.

PSN1014470129USEN, December, 2025.

HEWLETT PACKARD ENTERPRISE

hpe.com