

Spectra TeraPack Media

Spectra TeraPack LTO-9 Ultrium 45TB RW Non Custom Labeled 10 Data Cartridges for Full Height Drives (R7C12A)



What's new

- TS1170 media support: up to 50 TB native capacity (up to 150 TB compressed capacity)

Overview

Because HPE offers a comprehensive data protection portfolio for Hybrid IT, it understands the requirements for current and next generation LTO Ultrium tape solutions. In particular, the importance of media reliability in providing a long term home for archive data, as well as a final safeguard against natural disasters, network or power outages, human error, or malicious acts. Spectra TeraPack Media is designed to ensure that customers have the most reliable and automated tape storage solution available. Our approach places the emphasis on ongoing enhancements and features that simplify virtually all aspects of the media management process.

Features

Reliable Archival Storage and Restore

Only the highest quality media becomes Spectra TeraPack Media. This makes certain you have the most reliable and worry-free data protection possible.

Spectra TeraPack Media also undergoes a unique 'Carbide Clean' process to remove any trace of debris that may have originated during manufacturing or transportation, giving you additional peace of mind that your system will run at peak performance.

Protect

When combining Spectra TeraPack Media with Spectra's Enterprise tape library integrated BlueScale® Encryption Key Management, your data is protected with a straightforward, easily installed solution.

Intelligence and Verification

Media Lifecycle Management (MLM) allows you to proactively manage your tape inventory through simple monitoring of over 40 health statistics.

Spectra TeraPack Media assures data integrity using an integrated, intelligent, and comprehensive set of Data Integrity Verification (DIV) tools to verify your data has been properly written to tape.

Ease of Management and Installation

Media is customized with individual tapes unwrapped and pre-applied barcode labels bundled in Spectra TeraPack containers, ready for bulk loading. An optional dust cover is available for off-site storage in archive.

Spectra TeraPack architecture utilizes 3D space within the library frame increasing density per square foot. Additionally, each robot operation can move up to 10 tapes at a time.

Technical specifications	Spectra TeraPack LTO-9 Ultrium 45TB RW Non Custom Labeled 10 Data Cartridges for Full Height Drives
Product Number	R7C12A
Recording technology	LTO-9
Capacity	45 TB compressed
Media format	Re-writable media
Media labeling	Bar code labels pre-attached, varies depending on model and technology.
Quantity per package	10
Read speed, media	1,000 MB/sec (full height drives only, assumes 2.5:1 compression)
Bit density	545 kb/inch
Archival life	30-years
Product color	Light Blue
Tape length	1,035m
Tape width	12.65 mm
Tape thickness	4.9 microns
Base material	Barium Ferrite
Data tracks	8,960
Magnetic coercivity	2850 Oe
Warranty	Limited Lifetime Warranty

HPE Services

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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](#)

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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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