



**Hewlett Packard**  
Enterprise

# **SPECTRA TERAPACK LTO-7 ULTRIUM TYPE M 22.5TB RW CUSTOM LABELED 10 DATA CARTRIDGES (Q2S12A)**

**TeraPack Media**



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## **WHAT'S NEW**

- LTO-9 support: up to 18 TB native capacity (up to 45 TB compressed) and native data transfer rates of up to 400 MB/s.

## **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 make certain 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 HPE'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-7 Ultrium Type M 22.5TB  
RW Custom Labeled 10 Data Cartridges**

<b>Product Number</b>	Q2S12A
<b>Recording technology</b>	LTO-8 Ultrium Type M LTO-7 Initialized
<b>Capacity</b>	22.5 TB compressed
<b>Media format</b>	Re-writable media
<b>Media labeling</b>	Bar code labels pre-attached, varies depending on model and technology.
<b>Quantity per Package</b>	10
<b>Read speed, media</b>	400 MB/sec Maximum (native), depending on model and technology for LTO. 400 MB/sec for TS 1160.
<b>Bit density</b>	485 kb/inch
<b>Archival life</b>	30-years
<b>Product color</b>	Slate Blue
<b>Tape length</b>	960m
<b>Tape width</b>	12.65 mm
<b>Tape thickness</b>	5.6 microns
<b>Base material</b>	Barium Ferrite
<b>Data tracks</b>	5,376
<b>Magnetic coercivity</b>	2850 Oe
<b>Product Dimensions (metric)</b>	L 33 x W 20.3 x H 17.8
<b>Weight</b>	2.83 kg
<b>Warranty</b>	Limited Lifetime Warranty



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

## HPE POINTNEXT SERVICES

[HPE Pointnext Services](#) brings together technology and expertise to help you drive your business forward and prepare for whatever is next.

### Operational Services from HPE Pointnext Services

[HPE Pointnext Tech Care](#) provides fast access to product-specific experts, an AI-driven digital experience, and general technical guidance to help enable constant innovation. We have reimagined IT support from the ground up to deliver faster answers and greater value. By continuously searching for better ways to do things—as opposed to just fixing things that break—HPE Pointnext Tech Care helps you focus on achieving your business goals.

[HPE Pointnext Complete Care](#) is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment, and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts.

**HPE Integration and Performance Services** help you customize your experience at any stage of your product lifecycle with a menu of services based on individual needs, workloads, and technologies.

- Advise, design, and transform
- Deploy
- Integrate and migrate
- Operate and improve
- Financial Services
- Greenlake Management Services
- Retire and sanitize
- IT Training and personal development

### Other related services

[HPE Education Services](#) delivers a comprehensive range of services to support your people as they expand their skills required for a digital transformation. Consult your HPE Sales Representative or Authorized Channel Partner of choice for any additional questions and support 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

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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 [PSN1010649583WWEN](#), October, 2022.