

# HPE LTO-8 ULTRIUM 30TB RW CUSTOM LABELED TERAPACK 10 DATA CARTRIDGES (Q2R70A)

## TeraPack Media



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## WHAT'S NEW

- TS-1160 support: up to 20 TB native capacity (up to 60 TB compressed) and native data transfer rates of up to 400 MB/s (up to 900 MB/s compressed).

## 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. HPE 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 HPE TeraPack Media. This makes certain you have the most reliable and worry-free data protection possible.

HPE 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 HPE 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.

HPE 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 TeraPack containers, ready for bulk loading. An optional dust cover is available for off-site storage in archive.

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****HPE LTO-8 Ultrium 30TB RW Custom Labeled TeraPack 10 Data Cartridges**

<b>Product Number (SKU)</b>	Q2R70A
<b>Recording technology</b>	LTO-8 Ultrium
<b>Capacity</b>	Up to 30 TB, depending on model for LTO. Up to 60 TB compressed for TS 1160.
<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>	360 MB/sec Maximum (native), depending on model and technology for LTO. 400 MB/sec for TS 1160.
<b>Bit density</b>	525 kbits/inch Maximum, depending on model
<b>Archival life</b>	30-years
<b>Tape length</b>	960 m Maximum, depending on model for LTO. 1072 m for TS Series.
<b>Tape width</b>	12.65 mm
<b>Tape thickness</b>	5.6 um Minimum, depending on model for LTO. 5.0 um Minimum for TS Series.
<b>Base material</b>	Metal Particle Barium Ferrite Depending on media type
<b>Data tracks</b>	6656 Maximum, depending on model
<b>Magnetic coercivity</b>	2850 Oe Maximum, depending on model
<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

Most, if not all IT organizations are on a digital transformation journey — each at a different stage. With over 11,000 IT projects conducted and 1.4 million customer interactions each year, HPE Pointnext Services' 15,000+ experts and its vast ecosystem of solution partners and channel partners are uniquely able to help you at every stage of your digital transformation. We bring together technology and expertise to help you drive your business forward and prepare for whatever is next.

Advisory and Professional Services help you accelerate your digital transformation. Operational Services help you remove complexity and respond rapidly to business demands.

### 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 Datacenter Care** helps modernize and simplify IT operations. Partner with an assigned account team, access technical expertise, an enhanced call experience gives you priority access, choose hardware and software support, implement proactive monitoring to help stay ahead of issues, and access HPE IT best practices and IP.
- **HPE Proactive Care** offers an enhanced call experience and helps reduce problems with personalized proactive reports and advice. This also includes collaborative software support for Independent Software Vendors (ISVs), (Red Hat, VMWare, Microsoft, etc.). [Read more](#)
- **HPE Foundation Care** helps when there is a problem and has a choice of response levels. Collaborative software support is included and provides troubleshooting help for ISVs running on your server. [Read more](#).

### Other related services

**Defective Media Retention** is optional and applies only to Disk or eligible SSD/Flash Drives replaced by HPE due to malfunction.

**HPE Service Credits** offers a menu of technical services, access additional resources, and specialist skills.

**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.

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

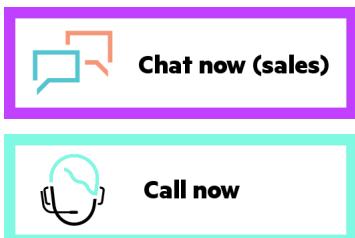
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Parts and Materials: HPE will provide HPE-supported replacement parts and materials required to maintain the covered hardware.

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.

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