



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

## TeraPack Media



### 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

Product Number (SKU)	Q2R70A
Recording technology	LTO-8 Ultrium
Capacity	Up to 30 TB, depending on model for LTO. Up to 60 TB compressed for TS 1160.
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	360 MB/sec Maximum (native), depending on model and technology for LTO. 400 MB/sec for TS 1160.
Bit density	525 kbits/inch Maximum, depending on model
Archival life	30-years
Tape length	960 m Maximum, depending on model for LTO. 1072 m for TS Series.
Tape width	12.65 mm
Tape thickness	5.6 um Minimum, depending on model for LTO. 5.0 um Minimum for TS Series.
Base material	Metal Particle Barium Ferrite Depending on media type
Data tracks	6656 Maximum, depending on model
Magnetic coercivity	2850 Oe Maximum, depending on model
Product Dimensions (metric)	L 33 x W 20.3 x H 17.8
Weight	2.83 kg
Warranty	Limited Lifetime Warranty



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Advisory and Professional Services help you accelerate your digital transformation. [Operational Services](#) help you remove complexity and respond rapidly to business demands.

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- **[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.

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