



HPE TS1160 JE Custom Labeled TeraPack 9 Data Cartridges (R0R29A)

Storage 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 TS1160 JE Custom Labeled TeraPack 9 Data Cartridges

Product Number (SKU)	R0R29A
Recording technology	LTO-6 Ultrium, LTO-7 Ultrium, LTO-8 Ultrium Type M LTO-7 Initialised, LTO-8 Ultrium, TS 1150 JD, TS 1160 JE.
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
Minimum dimensions (H x W x D)	L 33 x W 20.3 x H 17.8
Weight	2.83 kg
Warranty	Limited Lifetime Warranty

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

HPE Pointnext

HPE Pointnext leverages our breadth and depth of technical expertise and innovation to help to accelerate digital transformation. A comprehensive portfolio that includes – Advisory, Professional, and Operational Services is designed to help you evolve and grow today and into the future.

Operational Services

- **HPE Flexible Capacity** is a new consumption model to manage on-demand capacity, combining the agility and economics of public cloud with the security and performance of on-premises IT.
- **HPE Datacenter Care** offers a tailored operational support solution built on core deliverables. It includes hardware and software support, a team of experts to help personalise deliverables and share best practices, as well as optional building blocks to address specific IT and business needs.
- **HPE Proactive Care** is an integrated set of hardware and software support including an enhanced call experience with start to finish case management helping resolve incidents quickly and keeping IT reliable and stable.
- **HPE Foundation Care** helps when there is a hardware or software problem offering several response levels dependent on IT and business requirements.

Advisory Services includes design, strategy, road map, and other services to help enable the digital transformation journey, tuned to IT and business needs. Advisory Services helps customers on their journey to Hybrid IT, Big Data, and the Intelligent Edge.

Professional Services helps integrate the new solution with project management, installation and startup, relocation services, and more. We help mitigate risk to the business so there is no interruption when new technology is being integrated in the existing IT environment.

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