ComX Computers
Product Specification Sheet

HC7976A

HP LTO-6 Ultrium 6.25TB MP RW Data Cartridge

Product Overview

HP LTO-6 Ultrium 6.25TB MP RW Data Cartridge



Specifications

Overview:

Exhaustively tested, hp lto ultrium cartridges meet all your demands for maximum reliability when restoring data, offering high storage density, ease of management and scalable storage and backup performance. Covering six generations of capacity - lto-1 (200 gb), lto-2 (400 gb), lto-3 (800 gb), lto-4 (1.6 tb), lto-5 (3 tb), lto-6 (6.25 tb) and with transfer speeds of up to 1.4 tb/hr for lto-6, there is a platform for every need and budget. From lto-3 onwards, lto ultrium worm cartridges enable the creation of compliant, permanent and tamperproof archives.
From lto-4 onwards, secure aes-256 encryption provides even higher levels of data security and compliance with the most stringent industry regulations to prevent unauthorized data access. From lto-5 onwards, lto ultrium linear tape file system makes using tape as easy, flexible, portable and intuitive as using other removable and sharable media, such as a usb drive.

Features:

Highest capacity and performance of any comparable tape technology

- Hp lto-6 ultrium can write or read data at a blistering 1.4 tb/hour, storing, encrypting and protecting up to 3 tb on a single cartridge, making it the big hitter in large-scale, 24x7, mission-critical it environments.
- A 70% increase in the number of tracks has increase the bit density, allowing more data to be recorded in the same amount of tape: from 1,280 tracks for lto-5 to 2,176 tracks for 6th generation hp lto-6 ultrium 6.25 tb cartridges.
- Lto ultrium cartridge memory chip delivers faster access time and enhanced media monitoring.
- First time restore ensured with fewer media failures and disrupted backups, regardless of duty cycle or environmental conditions.

Ultra-reliable

- Superior 'smart grabber' mechanism and mechanical interlock to prevent the leader pin from being pulled inside the tape housing. Sensors detect proper connection and prevent leader loss that would ruin the tape.
- Simplified tape path to reduce wear and tear and build up of and debris (important in automation).
- Hp brand qualification test procedures (load/unload, shoeshine, drop testing and environmental stress testing) go far beyond what is required for the lto ultrium logo. This ensures maximum reliability for restoring your data.

- Hp warrants lto ultrium cartridges for up to 30 years archival life. This ensures businesses can meet the ever-increasing demands of regulation for data retention and archiving.

Secure

- Write-once-read-many (worm) version provides tamperproof, compliant data storage.
- Data encryption for enhanced data security on hp lto-4, lto-5 and lto-6 ultrium. Compliance with fips 140-2 level 1 security standards.

Value for money

- Standardizing on hp lto-5 or lto-6 ultrium delivers the capacity to meet shrinking backup windows, industry-standard, aes 256-bit encryption (ieee1619.1), and interchangeable rw or worm media; without extra space or it resource overhead.
- Open standard technology ensures compatibility across product generations and gives you more choice. Cartridges are available as custom labeled, non-custom labeled (both custom and non custom include rfid options from lto-4 onwards) and non-labeled versions.
- Supporting documentation
- Data sheets / documents
- Technical support / manuals
- Storage software
- Storage warranty

Quickspecs

- Worldwide (english)
- Detailed specifications (pdf)

Specifications:

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Specifications	
Product Code	HC7976A
Recording technology	Lto-6 ultrium
Capacity	6.25tb
	Compressed 2.5:1
	Supported
Media format	Re-writable
Media labeling	Write-on labels in box
Quantity per package	1
Read speed, media	400 mb/sec
Archival life	30 years
Product color	Purple
Tape length	846 m
Tape width	12.65 mm
Tape thickness	6.4 um
Base material	Metal particle

Data tracks	2176
Magnetic coercivity	2850 oe
Drive compatibility	Storage media compatibility matrix
Drive compatibility url	50 o 113 (10 o 45)
Day-to-day storage temperature	60 o 90 (16 o 32)
Long term storage temperature	41 o 73 (5 o 23)
Operating maximum wet bulb temperature	79 (26)
Operating humidity range	10 to 80% (operating)
Storage humidity	20 to 60% (archival)
Differentiator	Hp lto-6 ultrium 6.25 tb metal particle rw data cartridge
What's in the box	Contains (1) hp lto-6 ultrium 6.25 tb mp rw data cartridge. Write-on label only. No bar code label.
	Supporting documentation
Quickspecs	Worldwide (english)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: https://www.comx-computers.co.za/HC7976A-HP-LTO-6-Ultrium-6-25TB-MP-RW-Data-Cartridge-p-115054.php

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