ComX Computers
Product Specification Sheet

C7975A

HP C7975A LTO-5 Ultrium 3TB RW Data Cartridge

Product Overview

HP LTO-5 Ultrium 3 TB 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.

Specifications:

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Specifications	
Product Code	C7975A
Recording technology	LTO-5 Ultrium
Media format	
Media labeling	Write-on Labels in box
Quantity per Package	1
Read speed, media	280 MB/sec
Archival life	30 years
Product color	Light Blue
Tape length	846 m
Tape width	12.65 mm
Tape thickness	6.4 um
Base material	Metal Particle
Data tracks	1280
Magnetic coercivity	2500-2700 Oe
Drive compatibility	Storage Media Compatibility Matrix
Operating temperature range	
Day-to-day storage temperature	60 degrees to 90 degrees F (16 degrees to 32 degrees C)
Long term storage temperature	41 degrees to 73 degrees F (5 degrees to 23 degrees C)
Operating maximum wet bulb temperature	79 degrees F (26 degrees C)
Operating humidity range	10 to 80% (Operating)
Storage humidity	20 to 60% (Archival)
Differentiator	LTO-5 Ultrium 3 TB Data Cartridge

Product Information Online

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

Product page: https://www.comx.co.za/C7975A-HP-C7975A-LTO-5-Ultrium-3TB-RW-Data-Cartridge-p-145655.php

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