ComX Computers
Product Specification Sheet

HC7972A

HP LTO-2 Ultrium 200 - 400 GB RED Data Cartridge

Product Overview

HP LTO-2 Ultrium 200 - 400 GB RED Data Cartridge (EACH/PER UNIT) (CLEANING CARTRIDGE may be purchased with code C7978A)





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.

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Specifications:

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Specifications	
Product Code	HC7972A
Capacity	Lto-2 ultrium
Media labeling	Re-writable
Quantity per package	Write-on labels in box
Read speed, media	1
Archival life	60 mb/sec
Product color	30 years
Tape length	Red
Tape width	609 m
Tape thickness	12.65 mm
Base material	8.9 um
Data tracks	Metal particle
Magnetic coercivity	512
Drive compatibility	2050-2550 oe
Drive compatibility url	Storage media compatibility matrix
Long term storage temperature	60 o 90 (16 o 32)

Operating maximum wet bulb temperature	41 o 73 (5 o 23)
Operating humidity range	79 (26)
Storage humidity	10 to 80% (operating)
Lto-2 ultrium 400 gb data cartridge	20 to 60% (archival)

Product Information Online

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

Product page: https://www.comx.co.za/HC7972A-HP-LTO-2-Ultrium-200-400-GB-RED-Data-Cartridge-p-115106.php

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