HP Ultrium Data Cartridge

The exceptionally reliable, high-performance format is the result of a multi-million dollar collaboration between three storage industry leaders – HP, IBM and Seagate – and is based on Linear Tape-Open technology.

- HP Ultrium 2 400GB data cartridges provide twice the speed and twice the capacity of Ultrium 1

  - the number of tracks on the tape that can be used to store data has been increased from 384 to 512 and higher coercivity means improved linear bit density allowing more data to be stored in the same amount of space.

  - the speed of the tape as it passes through the drive has increased from up to 5.4m/sec to up to 7.5m/sec

- A built-in LTO-Cartridge Memory (LTO-CM) chip provides access to key maintenance and diagnostic information from the tapes in your storage bank – without you having to physically load and unload the tape(s). Provides increased access time to data and improved manageability.

- HP's unique blue cartridges for Ultrium 1 and dark red for Ultrium 2 will help distinguish between DLT and SDLT cartridges.

- HP has 20 custom built testing chambers that are in use 24 hours per day, 365 days per year. This is more than any other media supplier.

  - No other media vendor carries out such exhaustive qualification of the drive and media as they are used in the field.

  - No other brand of storage media is so extensively tested for use on HP storage hardware products as HP branded media.

- A special safety feature and leader-capture mechanism in the cartridge's leader-pin assembly ensures that the tape leader meets its mark inside the drive accurately.

- Four generation road map leading to 1.6 TB in 2006.

- HP Ultrium universal cleaning cartridge for complete compatibility with all Ultrium 1 and 2 drives and libraries. For existing HP Ultrium drive and library customers who purchased their hardware prior to January 2002 a firmware upgrade is required. This is available from http://www.hp.com/support/ucc

- Limited Lifetime warranty

HP Ultrium Data Cartridge

a breakthrough in reliability and performance

HP Ultrium automation bar code labels

- HP automation bar code labels have been specifically tested for trouble free use on HP StorageWorks/ Surestore tape autoloaders and libraries.

- Each pack of labels contains: - 100 data cartridge labels and 10 cleaning cartridge labels

- No two packs of labels are ever the same and all the labels in the pack are consecutive

HP Ultrium 1 and 2 pre-labelled data cartridges

- HP Ultrium1 and 2 pre-labelled cartridges save time and money – easy to purchase and quick to use

- HP pre-labelled cartridges can be ordered with fully customised label sequences

- Fully tested to give highest quality and reliability with all HP Storageworks Ultrium autoloaders and libraries

- Limited Lifetime warranty

Part no.	Description	Compressed capacity*	Products must be ordered from HP in multiples of:	Minimum order quantity	HP Surestore Ultrium 230	HP Surestore Ultrium 215	HP Surestore Ultrium 460	HP Surestore tape autoloader 1/9	HP Surestore tape autoloader 1/8	HP Surestore tape library family	HP Surestore E ultrium products	HP StorageWorks MSL5000 tape library family	HP StorageWorks ESL9000L1 tape library family	HP StorageWorks MSL6000 tape library family	HP StorageWorks ESL9000L2 tape library family
HP C7971A	HP Ultrium 1 200 GB data cartridge	200 GB	20	n/a	•	•	▲	•	•	•	•	•	•	▲	▲
HP C7972A	HP Ultrium 2 400 GB data cartridge	400 GB	20	n/a			•							•	•
HP C7978A	HP Ultrium universal cleaning cartridge	15/50 cleans**	20	n/a	■	■	•	■	•	■	■	•	•	•	•
HP Q2001A	HP Ultrium 1 automation bar code labels pack	n/a	1	n/a				•		•	•	•	•		
HP Q2002A	HP Ultrium 2 automation bar code labels pack	n/a	1	n/a										•	•
HP C7971L	HP Ultrium 1 200 GB pre-labelled data cartridge	200 GB	20	100				•		•	•	•	•	▲	▲
HP C7972L	HP Ultrium 2 400 GB pre-labelled data cartridge	400 GB	20	100										•	•

● Recommended media (optimum speed/capacity) ■ For existing HP Ultrium drive and library customers who purchased their hardware prior to January 2002 a firmware upgrade is required. This is available from http://www.hp.com/support/ucc ▲ Read and write compatible but not optimal performance ** 15 cleans of HP StorageWorks/Surestore drives, 50 cleans on HP Surestore E and HP StorageWorks ESL libraries. For non-HP compatibility please check with your hardware manufacturer.
* All capacities and transfer rates quoted as typical use a 2:1 compression ratio; this may vary since compression is data dependent

Product specifications

Part no.	Description	UPC code	Quantity	H	L	Dimensions (mm) W	Wt
HP C7971A	HP Ultrium 1 200 GB data cartridge	0-25184-16342-6	1	112	111	31	270 g
HP C7971L	HP Ultrium 1 200 GB pre-labelled data cartridge	7 25184-92722 5	1	112	111	31	270 g
HP C7972A	HP Ultrium 2 400 GB data cartridge	8 08736-39584 7	1	112	111	31	285 g
HP C7972L	HP Ultrium 2 400 GB pre-labelled data cartridge	8 08736-616850	1	112	111	31	285 g
HP C7978A	HP Ultrium universal cleaning cartridge	8 08736-03879 9	1	112	111	31	233 g
HP Q2001A	HP Ultrium 1 barcode labels	8 08736-617086	100	2	304	238	130 g
HP Q2002A	HP Ultrium 2 barcode labels	8 08736-617093	100	2	304	238	130 g

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