

## PRIMERGY LTO3 Ultrium Tape Drive

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### The third generation of LTO drives offers greater storage capacity and reliable data availability

Thanks to its greater storage capacity, reliable data availability and restoration and a data transfer rate of up to 160 MB a second, the LTO3 tape drive is the ideal storage medium for midrange and enterprise server environments.

- The LTO3 Ultrium offers a large storage capacity of up to 800 GB and data transfer at 160 MB/s, thus setting new standards in terms of capacity and performance
- The LTO3 tape drive is a cost-efficient medium for backup, restore and archiving purposes
- Investment protection thanks to read/write compatibility with predecessor LTO Ultrium generations.
- Improvements in the third generation thanks to WORM (Write Once Read Many) functionality, drive information via an LCD status display and reduced power consumption

With the third generation of the LTO (Linear Tape Open) drive, we are offering an innovative product with adaptive lossless data compression, digital speed matching (DSM) and a 128 MB memory. The result: more than double the performance of the predecessor model. The LTO3 also boasts twice the capacity – 800 MB a cartridge – at a data compression of 2:1, thus ensuring optimum data backup. The transfer rate of 160 MB per second also slashes data backup times. All these technical innovations make the LTO3 Ultrium tape drive an ideal medium for small and medium-sized businesses.

It goes without saying that the new LTO3 drive offers unrestricted compatibility with the tape drives of the predecessor generation LTO2, as well as read compatibility with LTO1.

### Ultrium tape cartridges

Like the LTO tape drive technology itself, the LTO3 400/800 GB tape cartridges enable backups with high capacity, reliability and manageability.



Main features	Customer benefit
Transfer rate of up to 160 MB/s	Rapid data backup
Storage capacity of up to 800 GB	Backup of large volumes of data
Designed for high data compression, digital speed matching (DSM) and a 128-MB buffer	Optimum performance and capacity

**Technical Data**

Capacity	Uncompressed/compressed 400 / 800 GB		
Interface Buffer	128 MB		
Record format	Ultrium 1,2,3		
System interface	Ultra160 SCSI LVD, HD68 connector		
Data transfer rate (burst)	Uncompressed/compressed 160 MB/s / 80 MB/s		
Cartridges	Write/read: all popular cartridge type Cleaning: Universal cleaning cartridge.		
Compatible	LTO2 write/read LTO1 read		
Data compression	yes, ALDC		
Tape Alert Support	yes		
WORM Support	yes		
<b>Reliability</b>			
MTBF (hours)	250,000 h 100% duty cycle		
MCBF (Media Loads)	100,000		
Hard Read Error Rate	1 x 10 <sup>-17</sup>		
<b>Formats and Data</b>			
	LTO3	LTO2	LTO1
Capacity (GB)	400/800	200/400	100/200
Speed Write/read	5.46m/s	6.22m/s	5.34m/s
Speed Wind/Rewind	8m/s (in central of tape)		
Number of tracks	704	512	384
Media length	680m	609m	609m
<b>Dimensions / Weight</b>			
Height/Width/Depth	85 x 149 x 211 mm		
Weight	3.0 kg		
<b>Power supply</b>			
<b>Electricity consumption</b>			
Standby	9 Watt		
in operation	29 Watt		
<b>Activity Input</b>			
Standby	5V/1,3A	12V/0,2A	
in operation	5V/2,8A	12V/1,1A	
<b>Temperature (without media)</b>			
Operation	10° C up to 45° C		
Bearing	-40° C up to 60° C		
Relative humidity operation	20% up to 80%		
Relative humidity bearing	5% up to 80%		

<b>Compliance with Norm and standards</b>	
<b>Product safety</b>	
Global	IEC 60950
Europe	EN 60950
USA / Canada	UL/CSA 60950
<b>Electro magnetic compatibility</b>	
Europe	EN 55022 Class A; EN 55024
Taiwan	-
Japan	-
Australian / New Zealand	AS/NZS3548 Class A
USA / Canada	FCC Part 15 Class A / ICES-003 Class A
<b>Declaration of conformity</b>	
Europe	CE ( 89/336/EWG; 73/23/EWG )
North America	FCC
<b>Approvals</b>	
<b>Product safety</b>	
Global	-
Europe	TÜV
Germany	TÜV
USA / Canada	ULc/us
There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons (e.g. for Canada and USA, East European countries, Norway), can be applied for on request.	