

Ultrium LTO Product Guide

Product comparison

	Generation 6	Generation 5	Generation 4	Generation 3	Generation 2
	WORM	WORM	WORM	WORM	
	Encryption	Encryption	Encryption		
	Partitioning	Partitioning			
Part Numbers	00V7590 00V7590L 00V7594 Library Pack 00V7591 WORM	46X1290 46X6666 46X2012 Library Pack 46X1292 WORM	95P4436 95P4437 45E6715 Library Pack 95P4450 WORM	24R1922 96P1470 45E6714 Library Pack 96P1203 WORM	08L9870 19P5887
Capacity	6.25 TB**	3.0 TB*	1.6 TB*	800 GB*	400 GB*
Cartridge Color	Black	Burgundy	Green	Blue	Purple
Transfer	160 MB per second	140 MB per second	120 MB per second	60-80 MB per second	35 MB per second
Tape Length	846 meters	846 meters	820 meters	680 meters	610 meters
Write/Read	6.83 m/sec	6.25 m/sec	6.25 m/sec	5.5 m/sec	6.2 m/sec
Speed Matching	Yes	Yes	Yes	Yes	Yes
Tracks	2176	1280	896	704	512
Linear Density	385 kfc	385 kfc	328 kbp	250 kbp	188 kbp
Accessories	Ultrium LTO Universal Cleaning Cartridge 35L2086 or 35L2087 labeled				

** Assumes 2.5:1 compression factor

* Assumes 2:1 compression factor

Compatibility

	LTO Gen 6 Cartridge	LTO Gen 5 Cartridge	LTO Gen 4 Cartridge	LTO Gen 3 Cartridge	LTO Gen 2 Cartridge	LTO Gen 1 Cartridge
	2.5TB/6.25TB	1.5TB/3.0TB	800GB/1.6TB	400/800GB	200/400GB	100/200GB
LTO Gen 6 Drive	Read & Write	Read & Write	Read only			
LTO Gen 5 Drive		Read & Write	Read & Write	Read only		
LTO Gen 4 Drive			Read & Write	Read & Write	Read only	
LTO Gen 3 Drive				Read & Write	Read & Write	Read only
LTO Gen 2 Drive					Read & Write	Read & Write
LTO Gen 1 Drive						Read & Write

Universal Cleaning Cartridge functions in all drives - 35L2086 & 35L2087