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# Ultrium LTO Product Guide

## Product comparison

	Generation 5	Generation 4	Generation 3	Generation 2
	WORM	WORM	WORM	
	Encryption	Encryption		
	Partitioning			
Part Numbers	46X1290 46X6666 46X2012 Library Pack 46X1292 WORM 46X4444 WORM	95P4436 95P4437 45E6715 Library Pack 95P4450 WORM 95P4451 WORM	24R1922 96P1470 45E6714 Library Pack 96P1203 WORM 95P2087 WORM	08L9870 19P5887
Capacity	3.0 TB*	1.6 TB*	800 GB*	400 GB*
Cartridge Color	Burgundy	Green	Blue	Purple
Transfer	280 MB per second*	240 MB per second*	120-160 MB per second*	70 MB per second*
Tape length	846 meters	820 meters	680 meters	610 meters
Write/read	6.25 m/sec	6.25 m/sec	5.5 m/sec	6.2 m/sec
Speed matchings	Yes	Yes	Yes	Yes
Tracks	1280	896	704	512
Linear density	385 kfc	328 kbp	250 kbp	188 kbp
Accessories	Ultrium LTO Universal Cleaning Cartridge 35L2086 or 35L2087 labeled			

\*Assumes a 2:1 compression factor

## Compatibility

	LTO Gen 5 Cartridge	LTO Gen 4 Cartridge	LTO Gen 3 Cartridge	LTO Gen 2 Cartridge	LTO Gen 1 Cartridge
	1.5TB/3.0TB	800GB/1.6TB	400/800GB	200/400GB	100/200GB
	46X1290 46X6666	96P4436 95P4437	24R1922 96P1470	08L9870 19P5887	08L9120 08L9211
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



## LTO Media Machine Types and Models (MTM)

MTM	Feature Code	Cart QTY	Retail Installation Part Number*	Retail Media Part Number*	Description	After Market Reorder Part Number*
3573	8002	1	35L2086		LTO Cleaning Cartridge	35L2086
	8305	5	24R1922	96P2020	LTO Gen3 400GB Data Cartridge	24R1922
	8405	5	95P4436	46C5359	LTO Gen4 800GB Data Cartridge	95P4436
3576	8002	1	35L2086		LTO Cleaning Cartridge	35L2086
3580	8002	1	35L2086		LTO Cleaning Cartridge	35L2086
	8301	1	24R1922		LTO Gen3 400GB Data Cartridge	24R1922
	8305	5	24R1922	96P2020	LTO Gen3 400GB Data Cartridge	24R1922
	8405	5	95P4436	46C5359	LTO Gen4 800GB Data Cartridge	95P4436
3584	8570	1	35L2086		LTO Cleaning Cartridge	35L2086
3589-002	2020	20	08L9120		LTO Gen1 100GB Data Cartridge w/label	08L9211
3589-003	3020	20	08L9120		LTO Gen1 100GB Data Cartridge	08L9120
3589-004	4005	5	35L2086		LTO Cleaning Cartridge	35L2086
3589-006	6020	20	08L9870		LTO Gen2 200GB Data Cartridge w/label	19P5887
3589-007	7020	20	08L9870		LTO Gen2 200GB Data Cartridge	08L9870
3589-008	0820	20	24R1922		LTO Gen3 400GB Data Cartridge w/label	96P1470
3589-009	0920	20	24R1922		LTO Gen3 400GB Data Cartridge	24R1922
3589-010	1020	20	95P4436		LTO Gen4 800GB Data Cartridge w/label	95P4437
3589-011	1120	20	95P4436		LTO Gen4 800GB Data Cartridge	95P4436
3589-015		20	46X1290		LTO Gen5 1.5TB Data Cartridge	46X1290
3589-014		20	46X1290		LTO Gen5 1.5TB Data Cartridge w/label	46X6666
3589-028	2820	20	96P1203		LTO Gen3 400GB WORM Data Cartridge w/label	95P2087
3589-029	2920	20	96P1203		LTO Gen3 400GB WORM Data Cartridge	96P1203
3589-032	3220	20	95P4450		LTO Gen4 800GB WORM Data Cartridge w/label	95P4451
3589-033	3320	20	95P4450		LTO Gen4 800GB WORM Data Cartridge	95P4450
3589-035		20	46X1292		LTO Gen5 1.5TB WORM Data Cartridge	46X1292
3589-034		20	46X1292		LTO Gen5 1.5TB WORM Data Cartridge w/label	46X4444
7212	8002	1	35L2086		LTO Cleaning Cartridge	35L2086
	8101	1	08L9870		LTO Gen2 200GB Data Cartridge	08L9870
	8103	5	35L2086		LTO Cleaning Cartridge	35L2086

\* Please note the referenced installation part number is only associated to the machine type or model number with installation. For reorders after initial install please reference the appropriate reorder part number.