



IBM LTO Ultrium Product Guide



Product Comparison

	Generation 10	Generation 9	Generation 8	Generation 7	Generation 6
	WORM	WORM	WORM	WORM	WORM
	Encryption	Encryption	Encryption	Encryption	Encryption
	Partitioning	Partitioning	Partitioning	Partitioning	Partitioning
Part Numbers	03PL170 03PL170L 03PL172 Library Pack 03PL171 WORM	02XW568 02XW568L 02XW572 Library Pack 02XW569 WORM	01PL041 01PL041L 01PL054 Library Pack 01PL042 WORM	38L7302 38L7302L 38L7315 Library Pack 38L7303 WORM	00V7590 00V7590L 00V7594 Library Pack 00V7591 WORM
Capacity Native/Compressed	30/75 TB*	18/45 TB*	12/30 TB*	6/15 TB*	2.5/6.25 TB
Cartridge Color	Black	Green	Brick Red	Purple	Black
Transfer	up to 400 MB/s	up to 400 MB/s	up to 360 MB/s	up to 300 MB/s	up to 160 MB/s
Tape Length	1035 meters	1035 meters	960 meters	960 meters	846 meters
Write/Read	6.01 m/sec	6.05 m/sec	5.65 m/sec	5.1 m/sec	6.83 m/sec
Particle	Strontium Ferrite (SrFe)	Barium Ferrite (BaFe)	Barium Ferrite (BaFe)	Barium Ferrite (BaFe)	Barium Ferrite (BaFe)
Tracks	15104	8960	6656	3584	2176

Accessory: LTO Ultrium Universal Cleaning Cartridge
35L2086 or 35L2087 labeled
Compatible with all LTO drives generations 1-10

*Assumes 2.5:1 compression

Compatibility

	LTO Gen 10 Cartridge	LTO Gen 9 Cartridge	LTO Gen 8 Cartridge	LTO Gen 7 Cartridge	LTO Gen 6 Cartridge
	30TB/75TB	18TB/45TB	12TB/ 30TB	6TB/15TB	2.5TB/6.25TB
LTO Gen 10 Drive	Read & Write				
LTO Gen 9 Drive		Read & Write	Read & Write		
LTO Gen 8 Drive			Read & Write	Read & Write	
LTO Gen 7 Drive				Read & Write	Read Only
LTO Gen 6 Drive					Read & Write



LTO Ultrium Media Machine Type and Model (MTM) & Part Numbers

MTM	Cart Qty	Retail Installation Part Number	Description	Aftermarket Reorder Part Number
3589-004	5	35L2086	LTO Universal Cleaning Cartridge	35L2086
3589-005	5	35L2086	LTO Universal Cleaning Cartridge w/label	35L2087
3589-650	20	00V7590	LTO Ultrium 6 - 2.5TB Data Cartridge	00V7590
3589-550	20	00V7590	LTO Ultrium 6 - 2.5TB Data Cartridge w/label	00V7590L
NA	20	00V7591	LTO Ultrium 6 - 2.5TB WORM Cartridge	00V7591
NA	20	00V7591	LTO Ultrium 6 - 2.5TB WORM Cartridge w/label	00V7591L
3589-651	20	38L7302	LTO Ultrium 7 - 6TB Data Cartridge	38L7302
3589-551	20	38L7302	LTO Ultrium 7 - 6TB Data Cartridge w/label	38L7302L
NA	20	38L7303	LTO Ultrium 7 - 6TB WORM Cartridge	38L7303
NA	20	38L7303	LTO Ultrium 7 - 6TB WORM Cartridge w/label	38L7303L
3589-652	20	01PL041	LTO Ultrium 8 - 12TB Data Cartridge	01PL041
3589-552	20	01PL041	LTO Ultrium 8 - 12TB Data Cartridge w/label	01PL041L
NA	20	01PL042	LTO Ultrium 8 - 12TB WORM Cartridge	01PL042
NA	20	01PL042	LTO Ultrium 8 - 12TB WORM Cartridge w/label	01PL042L
3589-653	20	02XW568	LTO Ultrium 9 - 18TB Data Cartridge	02XW568
3589-553	20	02XW568	LTO Ultrium 9 - 18TB Data Cartridge w/label	02XW568L
NA	20	02XW569	LTO Ultrium 9 - 18TB WORM Cartridge	02XW569
NA	20	02XW569	LTO Ultrium 9 - 18TB WORM Cartridge w/label	02XW569L
3589-654	20	03PL170	LTO Ultrium 10 - 30TB Data Cartridge	03PL170
3589-554	20	03PL170	LTO Ultrium 10 - 30TB Data Cartridge w/label	03PL170L
NA	20	03PL171	LTO Ultrium 10 - 30TB WORM Cartridge	03PL171
NA	20	03PL171	LTO Ultrium 10 - 30 TB WORM Cartridge w/label	03PL171L

Note: LTO Generations 8-10 available by MTM

LTO Generations 6-10 standard cartridges available via the IBM Aftermarket channel

LTO Generations 6-10 WORM cartridges available only via the IBM Aftermarket channel

LTO Generations 6-10 available with individual jewel cases or in library packs, 20 cartridges per pack

LTO Generation 7 M8 initialization is available via the IBM Aftermarket channel