🕒 Media / Drive Compatibility

Drive		G1 Drive	G2 Drive	G3 Drive	G4 Drive	G5 Drive	G6 Drive
Media	G1	0	0		×	×	×
	G2	×	0	0	\bigtriangleup	×	×
	G3	×	×	0	0	\bigtriangleup	×
	G4	×	×	×	0	0	\bigtriangleup
	G5	×	×	×	×	0	0
	G6	×	×	×	×	×	0

FUJⁱ**FILM**

Able to Read / Write riangle: Able to Read Only imes: Not Compa

• FUJIFILM Brand LTO G5 / G5 WORM – Media Specification–

LTO Generation		LTO G1 LTO G2		LTO G3 / G3 WORM	LTO G4 / G4 WORM		
Basic Specifications	Capacity (Native / Compressed)	100GB(200GB)	200GB(400GB)	400GB(800GB)	800GB(1.6TB)		
	Transfer Rate (Native / Compressed)	Up to 20MB/sec.(Up to 40MB/sec.)	Up to 40MB/sec.(Up to 80MB/sec.)	Up to 80MB/sec. (Up to 160MB/sec.)	Up to 120MB/sec. (Up to 240MB/sec.)		
	Number of Tracks	384	512	704	896		
	Servo Method	Timing-based servo					
	Cartridge Memory	32,	65,280bits(8,160bytes); Internal EEPROM				
	Encryption function		0				
Dunchilitu	Tape Running (Nominal)		1,000,00	1,000,000 passes 30 years			
Durability	Estimated Archival Life	30 years					
Tape Width		12.65mm					
Physical Characteristics	Tape Thickness	8.9	μm	8.0 <i>µ</i> m	6.6µm		
	Tape Length	609	9m	680m	820m		
	Cartridge Dimensions						
Onemation	Temperature		H. 102.0 × W. 105.4 × D. 21.5mm 10-45℃				
Operating Environmental	Humidity	10-80% (No Dew Condensation)					
Conditions	Max. Wet Bulb Temperature	/ t Bulb Temperature	26				
	Temperature(Short Term / Archival)	16-35°C / 16-25°C					
Storage Environmental Conditions	Humidity(Short Term / Archival)						
	Max. Wet Bulb Temperature (Short Term / Archival)						

LTO Generation		LTO G5 / G5 WORM	LTO G6 / G6 WORM	Universal Cleaning Cartridge*	
Basic Specifications	Capacity (Native / Compressed)	1.5TB(3.0TB)	2.5TB(6.25TB)	—	
	Transfer Rate (Native / Compressed)	Up to 140MB/sec.(Up to 280MB/sec.)	Up to 160MB/sec.(Up to 400MB/sec.)	-	
	Number of Tracks	1,280	2,176	-	
	Servo Method	Timing-ba	-		
	Cartridge Memory	65,280 bits(8,160 bytes); Internal EEPROM	130,816 bits(16,352 bytes); Internal EEPROM	32,768 bits(4,096 bytes); Internal EEPROM	
	Encryption function	(C	_	
Durability	Tape Running (Nominal)	—			
	Estimated Archival Life	30 y	-		
	Tape Width		12.65mm		
Physical	Tape Thickness	6.4 <i>µ</i> m	6.1 <i>µ</i> m	-	
Characteristics	Tape Length	84	319m		
	Cartridge Dimensions		H. 102.0 \times W. 105.4 \times D. 21.5mm		
Operating Environmental Conditions	Temperature		10-45℃		
	Humidity		10-80% (No Dew Condensation)		
	Max. Wet Bulb Temperature		26°C		
Storage Environmental Conditions	Temperature(Short Term / Archival)		16-35℃ / 16-25℃		
	Humidity(Short Term / Archival)	2 <mark>0-80% / 20-50% (No Dew Condensa</mark>		n)	
	Max. Wet Bulb Temperature (Short Term / Archival)		26°C		

inear Tape-Open, LTO, the LTO Logo, Ultrium and the Ultrium Logo are registered trademarks of HP, IBM and Quantum in the





Note: Specifications are subjected to change without notice. •The universal cleaning cartridge is capable of being used in all generation 1/2/3/4/5/6 Ultrium format tape drives. Specific revisions of firmware may be required for proper operatio

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http://www.fujifilm.com/products/recording_media/



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Barium Ferrite



TAPE IS ALIVE

Management of exponential data growth continues to be one of the great challenges for IT managers in light of shrinking IT budgets and environmental concerns. Tape storage is indeed alive and is the key to success in meeting the data growth challenge in a reliable, cost effective and environmentally safe manner!

Studies show that the total cost of ownership of LTO 5 tape systems is 15X less than disk for long term data archives while disk consumes 238X more energy to store the same amount of data. Tape systems have further advantages such as greater capacity with potential density increases, better reliability, ease of removability and scalability, and support of WORM and encryption. With LTFS (Linear Tape File System) making tape faster and easier to use, tape is truly the ideal solution for long term data storage, now and in the future!

History of Tape Technology

From Photo Film to LTO

Expertise in "coating technology" used to make superior quality photo film was applied to our magnetic tape manufacturing.

Photographic Film

What is a Magnetic Particle?

Data tape consists of tiny microscopic "magnetic particles" uniformly dispersed and coated on the surface of the tape. These particles are magnetized as either positive or negative and multiple combinations become data (just as digital data is made up of 1s and 0s).

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