FUJIFILM
Value from Innovation

FUJIFILM LTO Ultrium 9 is the strategic choice for a transforming world. LTO 9 has a storage capacity of 18/45TB native/compressed, air gap security to protect against ransomware, and has the lowest energy consumption and CO2 emissions compared to other storage options. **Use less energy, store more data, and get more done with the next generation of our data tape.**^

Barium Ferrite

^Compared to prior generations of FUJIFILM LTO ULTRIUM data cartridges.

LTO Ultrium 9
— DATA CARTRIDGE —

Material Numbers

FB LTO-9: 16659047
FB LTO-9 BC: 81110001744
FB LTO-9 LIB: 16671693
FB LTO-9 LIB BC: 81110001745
FB LTO-9 50PK BC: 81110001746
FB LTO-9 WORM: 16659059
FB LTO-9 WORM BC: 81110001747

Expand Your Capacity

Fujifilm's Barium Ferrite technology has enabled LTO Ultrium 9 to achieve a native/compressed capacity of 18.0/45.0TB* by recording 8,960 data tracks within 12.65mm tape width. With the utilization of multi-channel recording technology, LTO 9 features native/compressed transfer rates of up to 400/1000MB* per second.

Specifications

BASIC SPECIFICATIONS	Capacity (Native / Compressed)	18/45TB	
	Transfer Rate (Native / Compressed)	Up to 400/1000MB* per second	
	Number of Tracks	8,960	
PHYSICAL CHARACTERISTICS	Tape Width	12.65mm	
	Tape Thickness	5.2µm	
	Tape Length	1035m	
	Cartridge Dimensions	*1-21.5(l) x 105.4(w) x 102.0mm(h) (0.85" x 4.15" x 4.02") [L x W x H]	
ENVIRONMENTAL CONDITIONS		**Allowable Operating Environment****	**Recommended Operating Environment****
	Temperature	15°C to 35°C	15°C to 25°C
	Relative Humidity	20% to 80%	20% to 50%
	Dew Point	22°C max	22°C max

*Assumes 2.5:1 data compression. Transfer rate is drive dependent.
**Local tape temperature in excess of 52°C may cause permanent tape damage

LTO Ultrium Tape Drive Compatibility Chart

Cartridge	Drive						
	Ultrium 3	Ultrium 4	Ultrium 5	Ultrium 6	Ultrium 7	Ultrium 8	Ultrium 9
Ultrium 3	Read/Write	Read/Write	Read Only	Not Compatible	Not Compatible	Not Compatible	Not Compatible
Ultrium 3 WORM	Read/Write Once	Read/Write Once	Read Only	Not Compatible	Not Compatible	Not Compatible	Not Compatible
Ultrium 4	Not Compatible	Read/Write	Read/Write	Read Only	Not Compatible	Not Compatible	Not Compatible
Ultrium 4 WORM	Not Compatible	Read/Write Once	Read/Write Once	Read Only	Not Compatible	Not Compatible	Not Compatible
Ultrium 5	Not Compatible	Not Compatible	Read/Write	Read/Write	Read Only	Not Compatible	Not Compatible
Ultrium 5 WORM	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once	Read Only	Not Compatible	Not Compatible
Ultrium 6	Not Compatible	Not Compatible	Not Compatible	Read/Write	Read/Write	Not Compatible	Not Compatible
Ultrium 6 WORM	Not Compatible	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once	Not Compatible	Not Compatible
Ultrium 7	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write	Read/Write	Not Compatible
Ultrium 7 WORM	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once	Not Compatible
Ultrium 8	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write	Read/Write
Ultrium 8 WORM	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once
Ultrium 9	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write
Ultrium 9 WORM	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write Once
Ultrium UCC*	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible	Compatible

*UCC = Universal Cleaning Cartridge

Fujifilm's LTO Ultrium Universal Cleaning Cartridge is designed for use with all Ultrium 1-9 tape drives.

More Data Storage Solutions @ https://datastorage-na.fujifilm.com/lto-tape-data-storage

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