



FUJIFILM LTO Ultrium 8 is the intelligent choice for a smart world and the expanding datasphere. LTO 8 delivers impressive storage capacity of 12.0/30.0TB native/compressed, unrivaled reliability and rock-solid air gap security. Use less energy, store more data, and get more done with the next generation of our data tape. ^



## Material Numbers

LTO-8: 16551221

LTO-8 BC: 81110001585

LTO-8 LIB: 16567799

LTO-8 LIB BC: 81110001586

LTO-8 WORM: 16551233

## Expand Your Capacity

Fujifilm's Barium Ferrite technology has enabled LTO Ultrium 8 to achieve a native/compressed capacity of 12.0/30.0TB\* by recording 6,656 data tracks within 12.65mm tape width. With the utilization of multi-channel recording technology, LTO 8 features native/compressed transfer rates of up to 360/750MB\* per second.

## Specifications

<b>BASIC SPECIFICATIONS</b>	Capacity (Native / Compressed)	12.0/30.0TB*		
	Transfer Rate (Native / Compressed)	Up to 360MB/sec./Up to 750MB*/sec		
	Number of Tracks	6,656		
	Tape Width	12.65mm		
<b>PHYSICAL CHARACTERISTICS</b>	Tape Thickness	5.6µm		
	Tape Length	960m		
	Cartridge Dimensions	21.5(l) x 105.4(w) x 102.0mm(h) (0.85" x 4.15" x 4.02") [L x W x H]		
<b>ENVIRONMENTAL CONDITIONS</b>		<b>Operating Environment**</b>	<b>Storage Environment**</b>	<b>Archival Environment**</b>
	Temperature	10°C to 45°C	16°C to 35°C	16°C to 25°C
	Relative Humidity	10% to 80%	20% to 80%	20% to 50%
	Wet Bulb Temp.	26°C max	26°C max	26°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 1	Ultrium 2	Ultrium 3	Ultrium 4	Ultrium 5	Ultrium 6	Ultrium 7	Ultrium 8
Ultrium 1	Read/Write	Read/Write	Read Only	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible
Ultrium 2	Not Compatible	Read/Write	Read/Write	Read Only	Not Compatible	Not Compatible	Not Compatible	Not Compatible
Ultrium 3	Not Compatible	Not Compatible	Read/Write	Read/Write	Read Only	Not Compatible	Not Compatible	Not Compatible
Ultrium 3 WORM	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once	Read Only	Not Compatible	Not Compatible	Not Compatible
Ultrium 4	Not Compatible	Not Compatible	Not Compatible	Read/Write	Read/Write	Read Only	Not Compatible	Not Compatible
Ultrium 4 WORM	Not Compatible	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once	Read Only	Not Compatible	Not Compatible
Ultrium 5	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write	Read/Write	Read Only	Not Compatible
Ultrium 5 WORM	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once	Read Only	Not Compatible
Ultrium 6	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write	Read/Write	Not Compatible
Ultrium 6 WORM	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once	Not Compatible
Ultrium 7	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write	Read/Write
Ultrium 7 Type-M	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write
Ultrium 7 WORM	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write Once	Read/Write Once
Ultrium 8	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write
Ultrium 8 WORM	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Not Compatible	Read/Write Once
Ultrium UCC*	Compatible	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 1-8 tape drives.

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