



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

| | | | | |
|---------------------------------|-------------------------------------|---|------------------------------|-------------------------------|
| BASIC SPECIFICATIONS | 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 | | |
| PHYSICAL CHARACTERISTICS | 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] | | |
| ENVIRONMENTAL CONDITIONS | | Operating Environment** | Storage Environment** | Archival Environment** |
| | 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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