

LTO G5



DESCRIPTION

- **LTO Ultrium Data Cartridge Generation 5**
- High-capacity of 3.0TB (at 2:1 compression; 1.5 TB native) with transfer rates of 280MB/sec. (at 2:1 compression; 140MB/sec. native)

ADVANCED NANOCUBIC TECHNOLOGY

For LTO G5 development, FUJIFILM has further advanced the NANOCUBIC technology with the following key technologies and has successfully achieved higher recording density:

- (1) Development of finer metal particles (78% of the size of LTO G4)
- (2) Nano-dispersion technology with a new binder system
- (3) Advanced nano-coating technology to achieve a much smoother and more uniform magnetic layer resulting in significant decrease in the tape surface defects.

Advanced Encryption Standard

LTO Ultrium 5 hardware will incorporate the Advanced Encryption Standard (AES) 256-bit encryption algorithms to help keep data secure. This feature offers another level of security during storage and transporting of sensitive information

NEW REEL DESIGN

In addition, Fujifilm has introduced a new reel design that has successfully achieved both running stability in the drive and high archival stability. This is a feature that is particularly important for users because as the tape length gets longer, the pressure on the hub can increase and there is a potential risk of hub deformation. The new design of the hub structure reduces unexpected deformation to the tape's characteristics, such as tape edge damage while the smoother, more uniform magnetic layer results in a significant decrease in tape surface defects.

ENVIRONMENTAL IMPROVEMENT

As part of Fujifilm's overall commitment to develop environmentally sustainable products, Fujifilm's LTO Ultrium 5 cartridge offers a reduction on its impact on the environment by eliminating brominated flame retardants (BFRs) from all the mechanical parts of Fujifilm LTO 5 cartridges. Tape is already viewed by many in the data storage industry to have less of an impact on the environment than other storage options because it consumes less energy.

INTRODUCTION OF DUAL PARTITIONING FUNCTIONALITY

LTO Ultrium Generation 5 introduces a new dual partitioning functionality. This feature can enable capabilities to enhance file management on LTO tape

PRODUCT INFORMATION

Fuji article number	4003276
Product name	LTO FB UL-5 1.5TB
EAN code	45-47410-06477-3
EAN code CBC (ITF)	1-45-47410-06477-0
Packaging	PP case
Shipping Unit (CBC)	20 pcs./CBC
Euro Pallet	1.200 pcs./pallet

SPECIFICATIONS

Capacity	3.0TB (at 2:1 compression; 1.5TB native) and transfer rates of up to 280MB/sec. (2:1 compression; 140MB/sec. native) (depending on drive and data type)
Type of case	PP case