

## L1400 LTO 4U Tape Library

*High Capacity 4U Tape Library*



## MAXIMIZE TRANSFER RATES AND CAPACITY

Every SMB understands the importance of safeguarding its valuable information, but many balk at the expense and headache of deploying a data archive solution. Now Imation brings enterprise-strength tape archiving within reach with an affordable, easy-to-use library system that's purpose-built for SMBs.

Utilizing Linear Tape-Open (LTO) technology, the leading open system tape format originated by IBM,® the Imation L1400 LTO 4U Tape Library gives SMBs the flexibility they need to simultaneously manage rapid, unpredictable growth in digital content while still meeting strict industry regulations for retention, retrieval and recovery, and relaying of data.

When equipped with LTO-5 tape drives, the Imation L1400 LTO 4U Tape Library delivers the highest LTO storage capacity (up to 1.5 TB natively on each Imation LTO-5 tape cartridge, or up to 3.0 TB with 2:1 software compression) and data transfer rates (up to 140 MB/sec) to date; this gives a total capacity of up to 72 TB native (144 TB with 2:1 compression). This combination of performance and capacity enables SMBs to handle ever-increasing demands for data storage while ensuring shorter, more efficient backup windows.

### FEATURES + BENEFITS

#### Enormous Capacity

Store more data: when equipped with LTO-5 tape drives, capacity of up to 72 TB native (144 TB with 2:1 compression)

#### Multiple Drive Options

Choose your configuration: holds up to four half-height LTO-5 or LTO-4 tape drives or two full-height LTO-5 or LTO-4 tape drives

#### Efficient Operation

Save money and time: small footprint, lower power consumption cut costs; internal data buffer improves access rates, tape cartridge fill and rewind times

#### Network Flexibility

Install anywhere: 6 Gb/s SAS interface connects to a variety of open system servers

#### High Data Transfer Rates

Move information faster: native data transfer rates of up to 140 MB/s (LTO-5)

#### File-Level Data Access

Access data directly: when equipped with LTO-5 tape drives, Linear Tape File System (LTFS) gives intuitive graphical data access, eliminates need for extra tape management system (TMS) software

#### Backward Compatibility

Protect your investment: when equipped with LTO-5 tape drives, reads and writes to LTO-5 and LTO-4 tape cartridges; reads LTO-3 cartridges

#### Built-in Security

Keep data secure: supports LTO-4, LTO-5 data encryption standards; WORM capability

The Imation L1400 LTO 4U Tape Library contains four removable cartridge magazines (two on either side of the unit), each offering 12 data cartridge slots for a total of 48 slots. In addition, the lower left magazine includes a three-slot I/O station to help support continuous library operation while importing and exporting media. A bar-code reader is also standard, supporting the library's operation in sequential or random access mode.

## L1400 LTO 4U Tape Library

*High Capacity 4U Tape Library*



## MAXIMIZE TRANSFER RATES AND CAPACITY

Equally important, these comprehensive capabilities and features don't come at the cost of complexity; the Imation L1400 LTO 4U Tape Library is designed for easy, intuitive installation and configuration, as well as more flexible operation:

- Linear Tape File System (LTFS) lets users and applications use LTO-5 cartridges as if they were hard drives, but at much lower cost-per-GB; supports media partitioning for faster data access, improved management
- 6 Gb/s Serial Attached SCSI (SAS) interface provides simple connectivity to a wide variety of server hardware
- Remote library management through a standard Web interface provides flexibility, improved administrative control over storage operations
- AES 256-bit hardware-based encryption ensures information on LTO-5 tape cartridges is secure; WORM (Write Once Read Many) LTO-5 cartridges prevent data from being deleted or altered
- Backward compatibility and a roadmap to future capacity expansion protect your investment in Imation LTO tape storage solutions

### FEATURES + BENEFITS

#### Enormous Capacity

Store more data: when equipped with LTO-5 tape drives, capacity of up to 72 TB native (144 TB with 2:1 compression)

#### Multiple Drive Options

Choose your configuration: holds up to four half-height LTO-5 or LTO-4 tape drives or two full-height LTO-5 or LTO-4 tape drives

#### Efficient Operation

Save money and time: small footprint, lower power consumption cut costs; internal data buffer improves access rates, tape cartridge fill and rewind times

#### Network Flexibility

Install anywhere: 6 Gb/s SAS interface connects to a variety of open system servers

#### High Data Transfer Rates

Move information faster: native data transfer rates of up to 140 MB/s (LTO-5)

#### File-Level Data Access

Access data directly: when equipped with LTO-5 tape drives, Linear Tape File System (LTFS) gives intuitive graphical data access, eliminates need for extra tape management system (TMS) software

#### Backward Compatibility

Protect your investment: when equipped with LTO-5 tape drives, reads and writes to LTO-5 and LTO-4 tape cartridges; reads LTO-3 cartridges

#### Built-in Security

Keep data secure: supports LTO-4, LTO-5 data encryption standards; WORM capability

Flexible, easy to administer and infinitely scalable, the Imation L1400 LTO 4U Tape Library enables SMBs to reduce content storage costs, ensure regulatory compliance and safeguard their valuable data. With Imation, your information works harder and rests easier.

# L1200 LTO 2U Tape Library

*High Capacity 2U Tape Library*

## TECHNICAL SPECIFICATIONS

Model Name	Imation L1400 LTO 4U Tape Library
Drive Options	Ultrium 5 Half Height: 6 Gbps SAS Ultrium 4 Half Height: 6 Gbps SAS 4U Tape Library Model Driveless
Available models	1-4
Number of drives	48
Number of tape cartridges	Up to 3.0 TB per cartridge compressed; 1.5 TB native with LTO 5
Physical Capacity	Up to 1.6 TB per cartridge compressed; 800 GB native with LTO 4 Up to 800 GB per cartridge compressed; 400 GB native with LTO 3 Up to 144 TB per tape library compressed; 72 TB native with LTO Ultrium 5 Up to 76.8 TB per tape library compressed; 38.4 TB native with LTO Ultrium 4 Up to 38.4 TB per tape Library compressed; 19.2 TB native with LTO Ultrium 3
Data Transfer Rate	Up to 140 MBps native with LTO 5 Full Height and Half Height Up to 120 MBps native with LTO 4 Full Height and Half Height Up to 80 MBps native with LTO 3 Half Height
Dimensions (W x H x D)	
Stand Alone	17.6 in x 7.29 in x 31.9 in 447.5 mm x 182.5 mm x 810 mm
Rack mount	17.6 in x 6.89 in x 29.13 in 447.5 mm x 87.6 mm x 740 mm
Operating environment	
Temperature	50 to 113 degrees F, 10 to 45 degrees C
Relative humidity	10% RH to 80% RH (non-condensing)
Electrical power	4.0 amps at 100 V ac, 2.0 amps at 240 V ac 0.1 KVA
Attachment support	6 Gbps SAS interfaces
Operating systems support	Native device driver support is available for selected system servers and other Linux® and Windows® open system servers. Latest support information: <a href="http://www.imation.com/product">www.imation.com &lt;product page&gt;</a>
Weight	47 lb (21.3 kg) without rack mount
Warranty	3 years