imation

LR1100 LTO®/RDX®

1U Storage Enclosure

MOUNT UP TO TWO STORAGE DEVICES IN 1U SPACE

Information technology pushes the limits of space: Demand for data storage capacity continues to grow, but facilities do not. The Imation LR1100 LTO/RDX helps solve both problems at once. This rack-mounted enclosure features two drive bays that can hold one or two half-height tape drives or one or two RDX removable hard disk drives—all in 1U of 19-inch rack space.

A single enclosure with all these capabilities provides flexible choices for data archiving and storage, for incremental and full backups, and for data recovery. The enclosure also features high-speed Serial Attached SCSI (SAS) and USB network interface options, making it a valuable addition to any data center.

SOFTWARE REQUIREMENTS

IBM AIX® 7.1	**All levels**
AIX 6.1	**With 6100-01 technology and Service Pack 7, or later**
AIX 5.3	**With 5300-10 technology and Service Pack 2, or later**
IBM i . . . . (previously known as OS/400®)	**IBM i 7.1 or later (SAS devices only)**
	IBM i 6.1.1 or later (SAS devices only)
Linux	**SUSE Linux Enterprise Server 10 SP3 for Power Systems, or later**
	SUSE Linux Enterprise Server 11 SP1 for Power Systems, or later
	Red Hat Enterprise Linux for POWER V5.5, or later
VIOS	**Assignment of devices in 7216 requires VIOS 2.2, or later**

FEATURES + BENEFITS

Efficient Use of Space
Low-profile design can hold up to two storage devices, mounted in 1U space in a 19-inch rack

Multiple Drive Options
Holds half-height LTO-4 or LTO-5 tape drives or RDX Removable disk drives

Versatile Configurations
Provides the performance and capacity enhancements of HH LTO-4 or LTO-5 tape drives, plus the option to use RDX Removable disk drives

Flexible Connectivity
Features high-speed Serial Attached SCSI (SAS) and USB interface options, plus compatibility with a range of storage devices

Efficient Operation
Helps save space and reduce energy costs with consolidation of devices and power consumption

Imation LR1100 RDX USB 3.0 Internal Docks

Imation LR1100 Internal HH SAS 4 or 5 Tape Drives

LR1100 LTO/RDX

DRIVE OPTIONS

Tape Drives

Half-height LTO Ultrium® 4 and LTO Ultrium 5 tape drives: Storage capacity of up to 3 TB in conjuntion with Imation Ultrium tape cartridges and a data transfer rate of up to 280 MB/s (assumes 2:1 compression). The HH LTO-4 and LTO-5 tape drives have an SAS electronic bus. The HH LTO-4 drive is read/write compatible with Ultrium 4 and Ultrium 3 media, and read-only compatible with Ultrium 2 media. The HH LTO-5 drive is read/write compatible with Ultrium 5 and Ultrium 4 media, and read-only compatible with Ultrium 2 media.

RDX Removable Disk Drives

RDX Removable disk drive cartridges capacity options are 160 GB to 1 TB, with a data rate of up to 230 MB/s (USB 3.0).

An optional RDX docking station feature provides easy plug and play of computer data. All RDX cartridges are compatible with the Imation LR1100 LTO/RDX 1U Storage Enclosure.

Drive Options: Maximum of two tape or RDX drives per enclosure

Drive Type: Tape	HH LTO-4	HH LTO-5	RDX Removable Disk Drive
Native Capacity	800 GB	1.5 TB	160 to 1 TB
Compressed Capacity	1.6 TB	3.0 TB	N/A
Compatibility	Ultrium 4, 3 Ultrium 2 (read-only)	Ultrium 5, 4 Ultrium 3 (read-only)	All RDX disk drive capacities Docking station required

TECHNICAL SPECIFICATIONS

Model Name	**Imation LR1100 LTO/RDX 1U Storage Enclosure**
Number of Storage Devices	**1–2**
Electronics	**Optional SAS or USB electronic bus**
Typical Compression	**2:1 for tape drives and compression on RDX disk drives varies with type of data written to the drive**
Power Requirements	**140 watt power supply; 0.047 kVA**
Acoustics (Maximum)	**5.5 bels @ idle; 6.2 bels operating**
Weight	**7.1 kg (15.6 lbs) in typical configuration**
Chassis Dimensions	**4.3 cm H x 48 cm W x 43.8 cm D (1.7 in x 18.7 in x 17.6 in)**
Operating Temperature	**10–40°C (50–104°F)**
Relative Humidity	**20–80%**
Wet Bulb (Max)	**26°C (79°F)**
UPC Code	**051122283604**
Warranty	**3 years**

DESCRIPTION	UPC	PRIMARY PACK SIZE (LxWxH)	WEIGHT
LR1100 LTO/RDX 1U Storage Enclosure	051122283604	34.5" x 23.8" x 11.5"	39.0 lbs
LR1100 LTO-4 HH SAS Internal Tape Drive	051122283611	12.5" x 9.6" x 10"	6.65 lbs
LR1100 LTO-5 HH SAS Internal Tape Drive	051122283628	12.5" x 9.6" x 10"	6.65 lbs
LR1100 RDX USB 3.0 Internal Docking Station	051122281105	10.1" x 5.3" x 8.2"	2.2 lbs