

X1 for LTO



Cloud Enabled Archive Appliance

The X1 Archive Appliance manages one or more LTO external drives and delivers powerful functionality in a small footprint. It runs Windows 10 Pro and is powered by XenData's LTO Server Edition and FS Mirror software. Performance is enhanced with a 1.92 TB SSD cache. The LTO drives connect to the X1 via Thunderbolt 3 or USB 3.1. And if your LTO drive has a SAS port, it may be connected to the Thunderbolt port via an adapter.

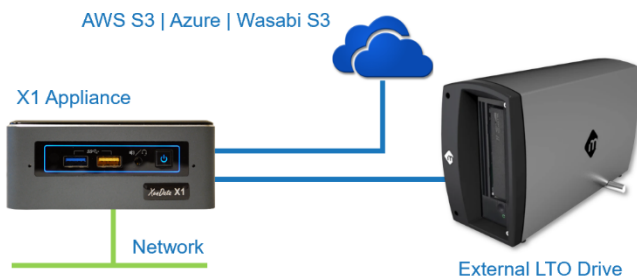
Archive to LTO

The X1 manages an unlimited number of LTO cartridges and three tiers of storage hierarchy:

- ❖ **Online disk** with one instance of a file on the SSD cache and, in addition, there will typically be an instance on LTO. In this case, the file will be read from the SSD.
- ❖ **Near-line LTO** with an instance of the file on an LTO cartridge loaded in an attached drive and no instances on the SSD cache. When a file on near-line LTO is read, the XenData software will restore it automatically.
- ❖ **Offline LTO** with no instance on the SSD cache and one or more instances of the file on LTO cartridges, none of which are loaded in an attached LTO drive. When a user attempts to read a file that is offline, the X1 will issue an on-screen message and an email alert identifying the name of the LTO cartridge that contains it.

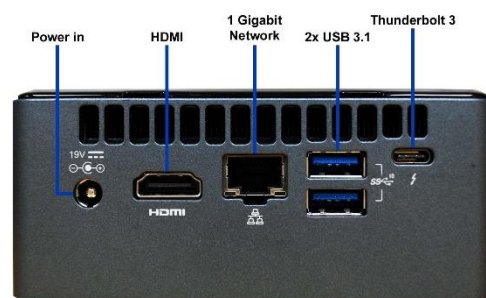
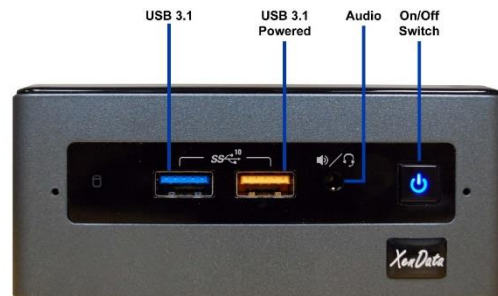
Replicate to LTO or the Cloud

When the X1 has two or more LTO drives attached, it may be configured to simultaneously create replica cartridges. Replicas can be taken offsite to provide strong data protection. Content archived to LTO may also be replicated to the cloud using the built-in FS Mirror software.



Share Worldwide

Any files written to the cloud, can be securely restored from any location worldwide by using utilities provided by the cloud providers.



Highlighted Functionality

- ✓ Manages one or more LTO external drives
- ✓ Manages an unlimited number of LTO cartridges and up to 2 billion files
- ✓ Supports file transfers that span across cartridges
- ✓ Automatic cartridge replication when using two or more LTO drives
- ✓ Supports replication to cloud
- ✓ Writes to LTO in LTFS or TAR
- ✓ End to end logical block protection provides checksum verification
- ✓ Tightly integrated with many complementary applications

X1 for LTO – Base Configuration Specification

XenData SKU 237001

Management software (Perpetual licenses):	XenData Archive Series, LTO Server Edition Cloud File Gateway Extension XenData FS Mirror XenData Alert Module
Licensed number of LTO drives:	1
Licensed Cloud File Gateway Capacity:	Perpetual license for 1 TB of managed cloud object storage
Operating system:	Microsoft Windows 10, Professional Edition
Processor:	Intel® Quad-Core 8 th Generation i5-8259U processor
Graphics:	Iris® Plus Graphics 655
RAM:	16 GB
System disk:	256 GB M.2
Cache disk:	1.92 TB SSD
Network ethernet connection:	1 x RJ45 connector; 1 Gigabit
Network wireless connection:	Intel® Dual Band Wireless-AC 9560
Bluetooth:	Intel Bluetooth 5.0
USB connections:	2 x USB 3.1 including one charging (front mounted) 2 x USB 3.1 (rear mounted)
Thunderbolt connection	1 x Thunderbolt™ 3 USB Type-C port with data transfer up to 40 Gb/s
Display connection:	HDMI 2.0a display port supporting 8 channel audio (7.1 surround sound)
Audio out:	Front panel headphone/microphone jack
Microphone:	Dual-array front microphones
Power:	19V, 90W
Included power brick voltage range:	100 – 240 V
Operation temperature:	32-104°F (0°C -40°C)
Dimensions (HxWxD):	2.01" x 4.60" x 4.40" (51 mm x 117 mm x 112 mm)
Weight:	1.5 lbs. (0.68 Kg)
Mounting:	Includes adapter for Versa 75 and 100 mounting

Upgrade Options

1. The Cloud File Gateway license may be upgraded to manage larger capacities by purchase of a subscription.
2. XenData license upgrade to support an additional LTO drive is XenData SKU 237002

Contact Us

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