ComX Computers
Product Specification Sheet

TBOX-0102-064-L1

Tiger Box 64TB 8x1GBe, 4x8GbitFC Storage Appliance

Product Overview

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Specifications

Overview:

Tiger Box Shared Storage Workflow System is a state of the art, powerful, integrated intelligent storage system designed to solve storage workflow challenges in content-centric applications. With just a few clicks, create a powerful shared storage network, using the connection of your choice to share media and metadata among users and suites, and collaborate on projects. Easily manage your SAN with a simple web UI, and let Tiger Box handle file system and sequence defragmentation for maximum performance, productivity, and uptime.

Features:

- Complete, integrated appliance
- Easy to setup, configure, and maintain
- Use the creative apps you need, including Avid bin locking
- Use a mix of Ethernet and Fibre connections

Striking Simplicity - virtually no IT expertise required to setup and maintain
Rely on the most powerful and simplest shared storage solution on the market. Access the control panel via web UI. There is virtually no configuration required and no need to manage software licenses.

Superior Performance - choice of 1GbE, 10GbE, 8GbFC and 16GbFC
Connect your workstations using the connectivity that makes the most sense to you. Use standard 1Gb Ethernet ports for your day-to-day editing needs, such as Apple ProRes HQ. If your workflow integrates film colour grading or Special FX, use the 10Gb Ethernet ports or the FC ports.

Easy Connection - directly connect up to 16 Mac, Windows and/or Linux clients
Unpack, connect and get to work with real SAN performance. Your workstations and laptops connect to Tiger Box over Ethernet or Fibre Channel for the most efficient block-level data transfers.

No per seat Licensing - Install drivers on any number of computers

Connect as many client computers as your workflow requires. As long as the client computer has the client driver installed and is connected to Tiger Box directly or through an Ethernet/FC switch it gains access to the shared storage.

Collaborative Workflow - virtual volume creation with Avid bin locking
Unleash your productive potential with the fully integrated project collaboration workspace. The built-in projectSTORE allows you to create a virtual volume for each project folder on the shared storage, utilizing a check-in/check-out technique that prevents accidental overwrites. When the Avid emulation mode is enabled, the volume is available for multi-write (i.e. any number of users can mount the volume for read and write).

Automatic Lifecyle Management - replication, purge and archiving
The optional Replication & Tiering module allows Tiger Box to replicate itself to a specified target destination (network share, NAS, cloud storage or Data Direct Networks WOS). Tiger Box acts as your high-speed front-end storage and performs life-cyle management. With the Replication & Tiering module, there is always room for your new projects on Tiger Box as aging files that have been replicated to the nearline storage are automatically deleted from the high-speed storage when space is needed. A reference file remains in place, so Tiger Box can automatically bring your data back online as soon as you access it.

Specifications:

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Specifications	
Product Code	TBOX-0102-064-L1
CHASSIS	
Enclosure Form Factor	3RU, 19" Rackmount Chassis with excellent anti-vibration mechanical design and thermal solution
Chassis Dimension	660mm (D) x 480mm (W) x13.5mm (H)
Power Consumption	Max 720 Watts
Power Consumption	Idle 300 Watts
Ports	1x USB 2.0
	2x 1Gb Ethernet for MDC or remote access
Rackmount Kit	27" Ball Bearing Slide
Expansion chassis	Daisy chained 16x 3.5" JBOD via mini SAS
Fan Module	4x 80 mm System Cooling Fan Modules
Power Supply Unit	High-efficiency 720w (1+1) Redundant Hot Swappable Power Supply W/ PFCAC 100 ~ 240V Full Range, 50Hz ~ 60Hz
Shipping Information	Weight 46kg
Package Dimension	565mm (D) x 865mm (W) x 445mm (H)
Temperature Range	Operating: 10?C~20?C (50?F~77?F)
	Non-Operating: -40?C~70?C (-40?F~158?F)
Humidity Range	20% ~60% Non-condensing
DATASTORE	
RAID Controller	Full RAID performance in degraded modeCache safeguards information during power loss

Storage	16x 3.5" Hot Swappable drives (1TB, 2TB, 3TB or 4TB)
Security Authority	Active Directory with Mac and Windows users authentication
System Boot Drive	2 x 2.5" RAID 1 (mirror)
PERFORMANCE	
Total Available Bandwidth (shared between all ports)	Up to 1200 MB/sec full duplex
8Gb Fibre Channel ports	Up to 820MB/sec sustained
1Gb Ethernet ports	Up to 115MB/sec sustained
CONNECTIVITY OPTIONS	
Modules can be mixed within your Tiger Box configuration	1Gb/s Ethernet (IP)
	8Gb/s Fibre Channel
System Requirements	
Mac OS X	Intel-based Mac with 1.33-GHz CPU.
	Mac OS X Lion/Lion Server (32-bit and 64-bit), Mac OS X Mountain Lion/Mountain Lion Server (64-bit), Mac OS X Mavericks/Mavericks Server (64-bit).
	Note: No support for Mac OS X versions below 10.7.
	2GB of physical RAM at least.
	25MB of available hard-disk space for Tiger Client software installation.
	4Gb/8Gb/16Gb FC, 10GbE and/or 1GbE adapter for connection to the storage.
	Network LAN connection (1Gb at least) for public communication.
	The following TCP ports - 9120, 9121, 9122, 9123, 9124, 9125, 9126, 9127 - should not be blocked by a firewall if any.
Windows	PC with 1.33-GHz processor.
	32-bit or 64-bit Microsoft Windows 7/Server 2008 R2, Windows 8/Server 2012.
	Note:No support for Microsoft Windows 95, Windows 98, Windows NT, Millennium Edition, Windows 2000, Windows XP or Windows Vista.
	2GB of physical RAM at least.
	25MB of available hard-disk space for Tiger Client software installation.
	4Gb/8Gb/16Gb FC, 10GbE and/or 1GbE adapter for connection to the storage.
	Network LAN connection (1Gb at least) for public communication.
	The following TCP ports - 9120, 9121, 9122, 9123, 9124, 9125, 9126, 9127 - should not be blocked by a firewall if any.
Linux	PC with 1.33-GHz Intel processor.
	2 GB of physical RAM at least.
	25 MB of available hard-disk space for installation.
	4Gb/8Gb/16Gb FC, 10GbE and/or 1GbE adapter for connection to the storage.
	Network LAN connection (1Gb at least) for public communication.

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/TBOX-0102-064-L1-Tiger-Box-64TB-8x1GBe-4x8GbitFC-Storage-Appliance-p-106322.php

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