

## DESCRIPTION

### Centrally store and backup your digital files

The Lenovo® Iomega® ix2 Network Storage, 2-bay is a compact and affordable desktop network storage server that is perfect for small businesses, home offices or advanced home networks, offering content sharing, data protection and basic video surveillance capabilities.

**Availability:** June 2013

## FEATURES

**Capacity:** Up to 8TB\*, 2 x HDD

**Configurations:** Diskless (ix2-dl, 0 HDD), partially Populated (1 x HDD) or Fully Populated (2 x HDD)

**Drive Capacities and Type:** 1TB, 2TB, 3TB, 4TB\* (SATA II)

**RAID Support:** RAID 1 (mirror) with automatic RAID rebuild. RAID 0 and JBOD mode also available.

**Network File Protocols Supported:** CIFS/SMB/Rally (Microsoft), NFS (Linux/UNIX), AFP/Bonjour (Apple), FTP, SFTP, TFTP, HTTP, HTTPS, WebDAV, Windows DFS, SNMP.

**Gigabit Ethernet** connectivity

\* Diskless unit with 2x4TB qualified HDDs

### Ease of use:

- **Easy three step setup** – Simply plug into your router, power on, and download the integrated LenovoEMC™ Storage Manager software.
- **User friendly** web-based management interface. Web Interface accessible in 17 supported languages.
- **Software Compatibility:** Compatible with today's most common backup software, web browsers, media devices and computers

### Simple Content Sharing:

- **Access files from any** networked Windows, Apple or Linux computer for easy file sharing.
- **Easily share content** with friends and family outside of your home using the exclusive LenovoEMC™ Personal Cloud feature. Invited guests will have access to read and write to files and folders on your network drive. No need to email file attachments.
- **File distribution made easy.** Drop files into a designated distribution folder, and all of those on the distribution list automatically get an email with either the files attached, or a link to download the files.
- **LenovoEMC™ Link iOS & Android application:** LenovoEMC™ Link gives you a direct link to your ix2 via your iOS or Android device. You have the ability to upload, download, browse and stream content on your network storage devices using LenovoEMC Link mobile app. (download app from iTunes or Android Market)
- Built-in photo slide-show sharing feature – easily select and share your digital pictures on the web

### Powerful Backup & Restore Functionality

- **Time Machine® Support:** allows Apple® users to easily backup any Mac computers running OS X (10.5 or later) using Time Machine.
- **LenovoEMC™ Personal Cloud Backup:** Synchronize data between personal cloud member systems and the ix2.
- **Public Cloud Backup:** Use one of the integrated 3<sup>rd</sup> party cloud-based storage services such as Amazon S3 to replicate data from your ix2 to your public cloud account.



- **PC Backup with True Image Lite 2013 by Acronis** - Powerful backup software from Acronis protects content, recovers data in case of any disasters (1 license included)
- **Data Replication / Device to Device Copy Jobs** Easily copy files to and from attached USB drives or any network share including LenovoEMC™ Personal Cloud locations using the rsync or CIFS protocol. Define your Copy Job to copy/synchronize files to and from connected drives and/or any other shared storage on your network.
- **Schedule jobs** to run on a predetermined schedule.
- **Configuration Backup and Restore:** allows you to back up and restore system configuration information. Backing up a configuration saves various system properties, including users, groups, device identification, and Share names and permissions.

### Advanced Disk & Power Management

- **Power Savings:** Automatic hard drive spin-down assure the most efficient (minimal) power consumption.
- **Uninterruptible Power Supply (UPS) Support:** Enables unattended system shutdown via the USB port without data loss in the case of power failure.
- **System Status:** Consolidated resource on space utilization, device information, and status. In addition, you can manage controls such as device restart from here.
- **SMART Hard Drive Monitor:** Continually monitors and reports on the health of all drives in the ix2.
- **Reporting:** Email alerts and Event Logging provide up-to-the-minute updates on the status of your device even when you are away from your computer. SNMP agent monitoring helps administrators centrally manage the ix2.

### Video Surveillance

Protecting your home or business has never been easier than LenovoEMC storage's built-in Video Surveillance Management Software

#### Mindtree® SecureMind VMS software.

- **One free camera license included**, supports up to 4 cameras. (additional licenses available for purchase)
- Built in support for hundreds of popular IP cameras
- Record, store and manage surveillance video
- Support for high-definition and configurable resolution and frame rate settings, e-mail alerts and secure access

**Warranty:** 3 year limited warranty

#### Multimedia:

- **Built in Audio Video Media Server - UPnP™ DLNA® Compatible:** provides the ability to stream photos, audio content and videos to a variety of media devices, such as game consoles (Microsoft Xbox® 360, Sony PlayStation® 3), audio bridges, iTunes™ players, picture frames and more.
- Create shared iTunes™ libraries to provide a central location for your music.
- **Social Media Sharing made easy:** Convenient folders that automatically integrate with your social media accounts. Multiple accounts are no problem – just create another folder for each account.
  - Facebook®: Files dropped into your Facebook folder are automatically uploaded to your Facebook page.
  - Flickr®: Files dropped into your Flickr folder are automatically added to the designated Flickr photo album.
  - YouTube®: Videos dropped into your YouTube folder are automatically uploaded to your YouTube channel.
- **Torrent Download Manager:** the ix2 manages peer-to-peer file transfers without the need of a dedicated PC.
- **Digital Photography Tools**
  - Picture Transfer Protocol (PTP): No touch, automatic transfer of photos from digital cameras via the USB port.
  - Photo resize: Automatically resize photos to a specified resolution.
  - Watermark: Automatically add a watermark of your choosing to photos as they are re-sized.

#### Advanced Business Features

- **Active Directory Support:** Functions as a client member in an Active Directory domain allowing the ix2 to utilize the domain users and groups.
- **iSCSI target:** Provides block-level access for the most efficient storage utilization, especially for backup, database and email application performance. It can be used in parallel with file-level storage access via CIFS/NFS.
- **Expandability:** Add storage capacity by connecting external USB hard disk drives. Supports read/ write on Fat32, NTFS, ext2 / ext3 / ext4, or HFS+ formatted drives.
- **Application Manager:** Third party applications can be installed using the embedded application manager.
- **Data organization and access:** Windows DFS organizes folders and files on a network, such that they appear to be all in one directory tree on a single LenovoEMC system, even if the folders reside on many devices in many different locations. WebDAV (Web-based Distributed Authoring and Versioning) enables viewing, adding, or deleting files on an ix2 from the web, via HTTP or HTTPS for added security.
- **Native security support** with robust username and password authorized access. Create additional users and secure their content with password protection.
- **User Quotas:** Easily manage capacity by setting maximum limits per user.

#### SPECIFICATIONS

- Desktop, compact, form factor
- Marvell 6282 CPU at 1.6GHz with 256MB RAM
- 2 x 3.5" Easy-Swap SATA-II Hard Disk Drives
- RAID 1, 0, JBOD
- 1 x RJ45 10/100/1000Mbps (GbE) Ethernet port
- LAN standards: IEEE 802.3, IEEE 802.3u
- 1 x USB 2.0 port (to connect external HDD, UPS, Bluetooth dongle)
- AC Voltage 100-240 VAC
- Power consumption – 6 Watts (min) - 25 Watts (max), 40 Watts for 2 sec(peak)  
NOTE: These values represent a fully loaded device with the highest capacity HDD. Values may vary with other configurations.
- Acoustic noise – 25.6 dBA maximum
- User interface localized for English, French, Italian, German, Spanish, Brazilian Portuguese, Russian, Traditional Chinese, Simplified Chinese, Korean, Japanese, Arabic, Hebrew, Turkish, Swedish, Dutch, and Polish.

#### CERTIFICATIONS

The ix2 Network Storage has received the following certifications:

- Windows® Server 2008, 2012, 2012 R2
- VMware® vSphere ESX 5.0,5.1, 5.5 iSCSI and NAS
- Citrix® XenServer™ 6.1, 6.2 (w/ MPIO), iSCSI & NFS

#### CONTENTS

- Lenovo® Iomega® ix2 Network Storage, 2-bay
- Ethernet cable
- Power supply
- Printed Quick Start Guide

Note: LenovoEMC™ Storage Manager software and user help documentation is available via download.

#### SYSTEM REQUIREMENTS

- Available 10/100/1000 Mbps network Ethernet port (required).
- Internet Explorer 9, Firefox® 3.6, Chrome 12, Safari 5 or later browser.
- Personal Cloud and remote access specific requirements: Internet connection
  - Universal Plug and Play (UPnP™) compatible router, or administrative rights to port forward.
  - Recommended minimum sustained connection speeds for a good Personal Cloud experience.
    - Download: 2.5 Mbit/s
    - Upload: 500Kbit/s
  - Personal Cloud is not compatible with Active Directory
  - Personal Cloud is not compatible with XP 64 bit
- **PC Users:** Microsoft® Windows® XP / Vista / 7 / 8 (all versions -exclusive of XP 64 bit for Personal Cloud)
- **Mac® Users:** Mac OS X 10.6 – 10.8
- **Linux® Users:** Redhat Enterprise 6, Ubuntu 11, OpenSUSE 11.4, Other compatible Linux versions

**WEIGHT AND DIMENSIONS**

<u>Unit Information</u>	<u>Single Package Information</u>	<u>Master Carton Information</u>	<u>Pallet Information</u>
20.17 x 9.93 x 14.86 cm 1.16 kg with 0 HDDs 2.49 kg with 2 HDDs	29.01 x 13.49 x 18.39 cm 1.70 kg with 0 HDDs 3.03 kg with 2 HDDs	38.71 x 30 x 29.21 cm 7.24 kg with 0 HDDs 12.59 kg with 2 HDDs 4 units per master carton	120 x 80 x 187.2 cm 359.52 kg with 0 HDDs 616.32 kg with 2 HDDs 6 layers, 8 master cartons per layer 192 units per pallet

All dimensions LxWxH and are approximations

**ORDERING INFORMATION**

SKU	Model	EAN
70A69003EA	LENOVO® IOMEGA® IX2 NETWORK STORAGE 2-BAY, 0TB DISKLESS EMEA	0887770963120
70A69005EA	LENOVO® IOMEGA® IX2 NETWORK STORAGE 2-BAY, 2TB (1HD X 2TB) EMEA	0887770963205
70A69000EA	LENOVO® IOMEGA® IX2 NETWORK STORAGE 2-BAY, 2TB (2HD X 1TB) EMEA	0887770963007
70A69001EA	LENOVO® IOMEGA® IX2 NETWORK STORAGE 2-BAY, 4TB (2HD X 2TB) EMEA	0887770963045
70A69002EA	LENOVO® IOMEGA® IX2 NETWORK STORAGE 2-BAY, 6TB (2HD X 3TB) EMEA	0887770963083
<b>Spare Drives (more compatible drives at <a href="http://www.lenovoemc.com/nasdisks">www.lenovoemc.com/nasdisks</a>)</b>		
4N40A33753	NAS DRIVE 1TB FOR IX2 2-BAY/IX4-300D (SEAGATE ST1000DM003)	0887942154424
4N40A33751	NAS DRIVE 2TB FOR IX2 2-BAY/IX4-300D (SEAGATE ST2000DM001)	0887942154400
4N40A33749	NAS DRIVE 3TB FOR IX2 2-BAY/IX4-300D (SEAGATE ST3000DM001)	0887942154387
<b>Service Plans **</b>		
5WS0G09498	EXTENDED SERVICE PLAN IX DESKTOP SERIES -5 YEARS, 24X7 PHONE SUPPORT	0887942292959
<b>Video Surveillance</b>		
4N70A34002	MINDTREE® SECUREMIND CAMERA LICENCES FOR 2 CAMERAS IX/PX SERIES	0887942375195
4N70A34003	MINDTREE® SECUREMIND CAMERA LICENCES FOR 4 CAMERAS IX/PX SERIES	0887942375201

\*\* Available in most geographies, some restrictions apply

**ADDITIONAL IMAGES**

