

DESCRIPTION

Centrally store and backup your digital files

The Lenovo® Iomega® ix4-300d Network Storage stores, protects and shares all of your important files, locally and remotely with cloud convenience -- perfect for small offices, workgroups or advanced home networks.

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The Lenovo® Iomega® ix4-300d Network Storage stores, protects and shares all of your important files, locally and remotely with cloud convenience -- perfect for small offices, workgroups or advanced home networks. Based on enterprise-class LenovoEMC™ storage technology, the ix4-300d provides easy file sharing, iSCSI block access, and multiple RAID configurations for optimized data protection. LenovoEMC™ Personal Cloud technology offers unparalleled simplicity and versatility for data sharing and protection from outside of the office – and is self-owned. Protecting your home or business has never been easier than with built-in MindTree® SecureMind™ software (1 camera license included). Business users will appreciate the robust data protection features such as UPS support, print serving, folder quotas, rsync device-to-device data replication, and user replaceable drives for business continuity and disaster recovery. The easy-to-use interface provides no-hassle management. Active Directory support and remote access round out the comprehensive business features. Home users benefit from the advanced media features such as the PTP (Picture Transfer Protocol), PC and Mac client backup software is included. Capacity up to 16TB (diskless unit with 4x4TB qualified HDDs).

Warranty: 3 year limited warranty

Scheduled Availability: May 2013

FEATURES

Capacity: Up to 16TB*, 4x HDD

Drive Capacities and Type: 0TB, 4TB, 8TB, 12TB, 16TB*

Configurations: Diskless (0 HDD) or Fully Populated (4 HDDs); diskless units can be configured or expanded to 1, 2, 3, or 4 HDDs.

RAID Support: JBOD, RAID 0, RAID 5 (Parity), RAID 10 (Mirroring)

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 4x4TB qualified HDDs installed

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 ix4 via your iOS or Android device. You have the ability to upload, download, browse and copy 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 (10.6 or later) using Time Machine.
- **LenovoEMC™ Personal Cloud Backup:** Synchronize data between Personal Cloud member systems and the ix4-300d.
- **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).
- **Public Cloud Backup:** Use one of the integrated 3rd party cloud-based storage services such as Amazon S3 or Mozy™ to replicate data from your ix4 to your public cloud account.
- **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 ix4-300d.
- **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 ix4.
- **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 copy 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.

Video Surveillance

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

- **Mindtree® SecureMind VSMS software**
 - **One free camera license included,** supporting up to 8 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
- **Axis Video Hosting Solution (AVHS)** for local to hosted cloud video storage and management.

Multimedia:

- **Built in Audio Video Media Server :** 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.
- **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 ix4 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 ix4 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 Armada™ XP 1.3GHz Dual Core
- 512MB DDR3 Memory
- 4 x 3.5" Easy-Swap SATA-II Hard Disk Drives
- JBOD, RAID 0, RAID 5 (Parity), RAID 10 (Mirroring)
- 2 x RJ45 10/100/1000Mbps (GbE) Ethernet ports
- LAN standards: IEEE 802.3, IEEE 802.3u
- 1 x USB 3.0 port, 2 x USB 2.0 (to connect external HDD, UPS, Bluetooth dongle)
- Power consumption – 20Watts (min) - 60 Watts (max), 80 Watts for 5s (peak)
NOTE: These values represent a fully loaded device with the highest capacity HDD. Values may vary with other configurations.
- Acoustic noise – 32 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.
- **Network File Protocols Supported:** CIFS/SMB/Rally (Microsoft), NFS (Linux/UNIX), AFP/Bonjour (Apple), FTP, SFTP, TFTP, HTTP, HTTPS, WebDAV, Windows DFS, SNMP.

CERTIFICATIONS

The ix4-300d Network Storage has received the following certifications:

- Windows® Server 2008 R2 and Windows Server 2012
- VMware® vSphere ESX 5.1 iSCSI and NAS
- Citrix® XenServer™ 5.5, 5.6 (w/ MPIO), iSCSI & NFS

CONTENTS

- Lenovo® Iomega® ix4 Network Storage
- Ethernet cable
- Power supply
- Printed Quick Start Guide
- Software Download (with): LenovoEMC™ Storage Manager software, User Help Documentation

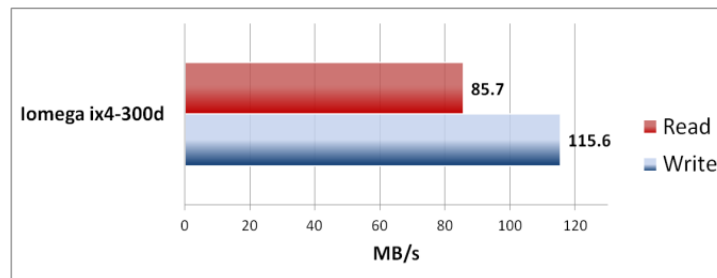
SYSTEM REQUIREMENTS

- Available 10/100/1000 Mbps network Ethernet port (required).
- Internet Explorer 7, Firefox® 3.x, Chrome 9, Safari 4 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

PERFORMANCE

Equipped with Marvell's very latest dual core Armada XP processor designed for extreme performance and low energy consumption coupled with ample 512MB of RAM and dual Gigabit Ethernet interface the Iomega ix4-300d shows excellent performance results* – in particular on write related tasks like data backup or file copy.



NASPT test: File copy to and from NAS using a single 1.15 GB file.

* Performance tests were performed using NASPT Test 802.3 in a controlled lab environment with high performance network equipment. Actual results will vary depending upon network conditions, firmware versions, hardware purchased and other factors. Results are provided as a theoretical indicator of relative performance, but are in no way a guarantee of actual running performance. Test methodology: NAS equipment: Treasure Island Build 3.3.4.29225, 3TB SATA, Hitachi Nearline, 7200 RPM, Write cache enabled, Media Server Off, SAMBA enabled – all other protocols disabled. Test Client: Windows 7 64-bit, Ultimate Edition, Asus P6X58D Premium, Intel Core i7, 920 @ 2.66GHz, Memory: 3GB (3x1GB), DDR3, 1600MHz, 320GB SATA, Hitachi, 7200RPM

WEIGHT AND DIMENSIONS (US/LA/AP)

Unit Information	Single Package Information	Master Carton Information	Pallet Information
8.12 x 7.71 x 6.60 inches 5.53 lbs with 0 HDDs 11.29 lbs with 4 HDDs	12.25 x 10.43 x 8.50 inches 8.84 lbs with 0 HDDs 14.6 lbs with 4 HDDs	12.50 x 10.75 x 9.25 inches 9.84 lbs with 0 HDDs 15.6 lbs with 4 HDDs 1 unit per master carton	48 x 40 x 69 inches 851.56 lbs with 0 HDDs 1335.4 lbs with 4 HDDs 7 layers, 12 master cartons per layer 84 units per pallet

WEIGHT AND DIMENSIONS (EU/UK)

Unit Information	Single Package Information	Master Carton Information	Pallet Information
20.62 x 19.58 x 16.78 cm 2.51 kg with 0 HDDs 5.12 kg with 4 HDDs	31.12 x 26.49 x 21.59 cm 4.01 kg with 0 HDDs 6.62 kg with 4 HDDs	31.75 x 27.31 x 23.5 cm 4.46 kg with 0 HDDs 7.08 kg with 4 HDDs 1 unit per master carton	120 x 80 x 175 cm 261.76 kg with 0 HDDs 408.48 kg with 4 HDDs 7 layers, 8 master cartons per layer 56 units per pallet

All dimensions LxWxH and are approximations

ORDERING INFORMATION

SKU	Model	UPC
70B89000NA	LENOVO(R) IOMEGA(R) IX4-300D NETWORK STORAGE, 4TB (4HD X 1TB) AMERICAS	887770963373
70B89001NA	LENOVO(R) IOMEGA(R) IX4-300D NETWORK STORAGE, 8TB (4HD X 2TB) AMERICAS	887770963410
70B89002NA	LENOVO(R) IOMEGA(R) IX4-300D NETWORK STORAGE, 12TB (4HD X 3TB) AMERICAS	887770963458
Spare Drives * (more compatible drives at www.lenovoemc.com/nasdisks)*		
4N40A33753	NAS DRIVE 1TB FOR IX2 2-BAY/IX4-300D (SEAGATE ST1000DM003)	887942154424
4N40A33751	NAS DRIVE 2TB FOR IX2 2-BAY/IX4-300D (SEAGATE ST2000DM001)	887942154400
4N40A33749	NAS DRIVE 3TB FOR IX2 2-BAY/IX4-300D (SEAGATE ST3000DM001)	887942154387
Service Plans **		
5WS0A37767	EXTENDED SERVICE PLAN IX DESKTOP SERIES -5 YEARS, 24X7 PHONE SUPPORT	887942292959
Video Surveillance		
4N70A34002	MINDTREE(R) SECUREMIND CAMERA LICENCES FOR 2 CAMERAS IX/PX SERIES	887942375195
4N70A34003	MINDTREE(R) SECUREMIND CAMERA LICENCES FOR 4 CAMERAS IX/PX SERIES	887942375201
4N70A34004	MINDTREE(R) SECUREMIND CAMERA LICENCES FOR 8 CAMERAS IX4/PX SERIES	887942375218

** Available in most geographies, some restrictions apply

ADDITIONAL IMAGES

