

## Iomega® StorCenter™ ix12-300r Network Storage Array, 4TB - 24TB

### Description

The Iomega® StorCenter™ ix12-300r Network Storage Array offers easy-to-use, powerful and affordable network storage for any workgroup, department and small- to medium-sized business. Powered by enterprise-class EMC® LifeLine™ software, the StorCenter ix12-300r is available in configurations starting at 4TB, and can be expanded up to 24TB in a single array. Robust connectivity allows simultaneous multi-protocol file and iSCSI block-level access. High performance makes the StorCenter ix12 an ideal candidate for email and database applications or as a fast backup target. High reliability features ensure maximum availability; RAID with hot-swap drives and automatic rebuild; dual hot-swap power supplies; redundant variable-speed hot-swap chassis cooling fans.



### Features

- **Capacity:** Starting at 4TB (4 x 1TB SATA-II Hard Disk Drives HDDs) with maximum capacity of 24TB (12 SATA-II Hard Disk Drives)
  - 4-drive disk packs enable expansion to 8 or 12 drive configurations
- **RAID Support:** On-disk data protection and organization configurable as RAID 0, 1, 5, 6 and 10. Automatic RAID rebuild and hot swap drives.
- **Storage Pools:** Storage Pools group drives of like size and RAID protection together to simplify management.
- **Expandability:** Add storage capacity by simply adding drives in the unpopulated drive bays. Added drives can be brought into an existing Storage Pool or made into a new Storage Pool. Additionally, USB connected Hard Disk Drives can be attached and used as shares. The StorCenter ix12 supports read and write on Fat32, NTFS, or ext2/ext3 formatted hard disks; read only of external HFS+ formatted drives,
- **Sharing:** Access files from any networked Windows, Mac, or Linux workstation or server for easy file sharing, data backup and print serving.
- **Network and File Protocols Supported:**

Microsoft (CIFS/SMB/Rally)	FTP
Linux/UNIX (NFS)	HTTP
Apple AFP / Bonjour support	SNMP
Windows DFS	WebDAV
VLAN tagging	
- **Sophisticated networking:** Ethernet port bonding for load balancing, high performance bandwidth aggregation or failover; Virtual LAN (VLAN) capability simplifies management and operation by enabling devices to be logically, but not physically in the same subnet.
- **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 Iomega StorCenter 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 a StorCenter from the web, via HTTP or HTTPS for added security
- **iSCSI support:** Provides block-level access for the most efficient storage utilization, especially for database and email application performance.
- **High Performance:** Quad-Gigabit Ethernet connectivity and high-performance embedded architecture, plus link aggregation (port bonding) provide extremely high throughput.
- **Active Directory Support:** Allows the domain users and groups to authenticate to the Active Directory service to access the StorCenter ix12.
- **UPS Support:** Enables an uninterruptible power supply to communicate with the system via a USB port to initiate an unattended system shutdown without data loss in the case of extended power failure.
- **Drive Spindown:** For maximum energy efficiency, drives spin down based on user-set policy.
- **Email Alerts:** If the device detects a problem, an email alert is sent to one or more email addresses.
- **Remote Access:** Connect from anywhere on the Internet to access content or manage the device.
- **System Dashboard:** Provides a one-stop summary for status information on space utilization, device, peripheral, and backup status.
- **VMware Certified:** HCL certified NAS (NFS) and iSCSI storage for VMware ESX (vSphere).
- **Microsoft Window Server Certified:** Windows Server Catalog certified iSCSI storage for Windows Server 2003, Windows Server 2008, and Windows Server 2008 R2.
- **Citrix Certified:** HCL certified NAS (NFS) and iSCSI storage for Citrix XenServer.
- **Replication:**
  - The StorCenter ix12 supports device-to-device (D2D) asynchronous replication based on the end-user determined policy. Replication uses the secure rsync, rsync, or remote CIFS protocols.
- **Security Camera:** Connect Axis® and/or Panasonic network security cameras and the StorCenter ix12 captures and stores video without the need of a dedicated PC.
- **Total Data Protection:**
  - Multiple network interface cards (NICs) can be configured for I/O failover
  - Robust username and password authorized access or integration with Microsoft Active Directory Service
  - Configure with RAID 0, 1, 5, 6, 10 to assure data integrity if a drive fails.
  - RSA BSAFE technology protects installs and upgrades.

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- **Simple to use:**
  - Easy network file sharing with automatic configuration; ready to work with any networked computer
  - Management via user-friendly web interface
  - Event logging and e-mail notification
  - 11 languages supported by the user interface (concurrently from different clients)
- **Software Compatibility:** Compatible with today's most common backup software titles, web browsers, media devices and computers.
- **Software Included:** StorCenter™ Manager.
- **Warranty:** 3 years

### Specifications

- 2U form factor, 12 slots for 3.5 inch SATA-II Hard Disk Drives
- Intel Core2 Duo E8400 @ 3GHz CPU
- 2GB DDR2 Memory
- Four (4) 10/100/1000 Mbps Ethernet ports (RJ 45 connector)
- Four (4) SATA-II hard disk drives
- RAID 0, 1, 10, 5, and 6 protection on a per-Storage Pool basis
- Power Consumption
  - Max: 200W
  - Min: 110W (drives spun down)
- iSCSI: 256 LUNS maximum, 256 hosts maximum
- Three USB 2.0 ports; One front, two rear
- LAN standards: IEEE 802.3, IEEE 802.3u
- AC Voltage 100-240 VAC, 50-60 Hz
- User Interface, localized in English, French, German, Spanish, Italian, Portuguese, Russian, Japanese, Korean, Simplified Chinese and Traditional Chinese
- Quick start guide, and HTML users manual all localized in English, French, German, Spanish, Italian

### Contents

- Iomega® StorCenter™ ix12-300r Rackmount NAS Server
- Sliding rail kit for standard 19" rack
- Ethernet cable
- Power cables (support for worldwide distribution – cable for: USA, UK, Japan, Europe & Australia)
- Printed Quick Start Guide
- Solutions CD with system administration software and user manual

### Certifications

The Iomega® StorCenter™ ix12-300 Network Storage Array has received the following certifications:

- Microsoft Exchange Server 2010 – ESRP Listed
- Windows Server 2003, Windows Server 2008, Windows Server 2008 R2
- VMware vSphere ESX4 (iSCSI and NAS)
- Citrix XenServer 5.5 (iSCSI & NFS)

#### EMI

FCC Class A (USA)  
CE-Mark (Europe)  
Canada ICES-003  
VCCI (Japan)  
C-tick (Australia/New Zealand)  
CCC (China)  
GOST-R (Russia)  
BSMI (Taiwan)  
NOM (Mexico)  
MIC (Korea)

#### Safety

UL  
TUV (or NEMKO+CB)  
CB  
cUL  
PSB  
PSE  
**Other**  
RoHS  
WEEE

### Client System Requirements

#### Windows Users:

- Pentium® 300Mhz processor or higher
- Microsoft® Windows® Server, XP Home/XP Professional/XP Professional x64; Windows Vista™ Home Basic/Home Premium/Business/Ultimate, Windows 7 Home/Home Premium/Pro, Windows Server 2003, Windows Server 2008
- Microsoft Internet Explorer 6.0, Netscape® 8.0, Firefox® 1.5, or higher browser required to view user's manual
- 256MB RAM or higher
- CD or DVD drive to install software
- Must meet minimum RAM requirements for your operating system
- Available 10/100 Mbps network Ethernet port (required)
- 1000 Mbps recommended for maximum performance
- DHCP configured network (recommended)
- Network hub, switch or router (recommended)

#### Mac® Users:

- Available 10/100 Mbps network Ethernet port (required)
- 1000 Mbps recommended for maximum performance
- Requires Mac OS X 10.3 or higher
- Apple Safari 2.0 browser or higher to view user manual
- 128MB RAM or higher
- CD or DVD drive to install software
- Must meet minimum RAM requirements for your operating system
- DHCP configured network (recommended)
- Network hub, switch or router (recommended)

#### Linux® Users

- Supported Linux distributions: Ubuntu 7.10, Fedora 8, Fedora 7, Fedora Core 6/5, Red Hat Enterprise Linux 5 Desktop/Workstation, Red Hat Enterprise Linux 4 Desktop/Workstation, OpenSUSE 10.3, Debian 4

**Scheduled Availability** – May 10, 2010



## Iomega® StorCenter™ ix12-300r Network Storage Array, 4TB - 24TB

### Weight and Dimensions

<u>Unit Information</u>	<u>Master Carton Information</u>
25.98" x 16.93" x 3.46" 660 mm x 430 mm x 88 mm 43 lbs / 19.5 kg (4 drives included)	38.125" x 23.625" x 9.0" 968 mm x 600 mm x 229 mm 60 lbs / 27.2 kg (4 drives included)

All dimensions LxWxH and are approximations.

### Ordering Information

Capacity	Configuration	Model Name	SKU	UPC Code
4TB	4 x 1TB HDD	StorCenter ix12-300r Network Storage, 4TB	34656	742709346569
8TB	4 x 2TB HDD	StorCenter ix12-300r Network Storage, 8TB	34657	742709346576
Accessories				
Expansion Pack		4 x 1TB HDD Expansion Pack	34677	742709346774
Expansion Pack		4 x 2TB HDD Expansion Pack	34678	742709346781
Service Plan		Enhanced Service Plan - ix12 1TB HDD, 3 yr	34993	742709349935
Service Plan		Premium Service Plan - ix12 1TB HDD, 3 yr	34991	742709349911
Service Plan		Enhanced Service Plan - ix12 1TB HDD, 5 yr	34994	742709349942
Service Plan		Premium Service Plan - ix12 1TB HDD, 5 yr	34992	742709349928
Service Plan		Enhanced Service Plan - ix12 2TB HDD, 3 yr	34998	742709349980
Service Plan		Premium Service Plan - ix12 2TB HDD, 3 yr	34996	742709349966
Service Plan		Enhanced Service Plan - ix12 2TB HDD, 5 yr	34999	742709349997
Service Plan		Premium Service Plan - ix12 2TB HDD, 5 yr	34997	742709349973
Spare HDD, 1TB		Single Spare/Accessory HDD, Hot-Swappable, 1TB	34711	742709347115
Spare HDD, 2TB		Single Spare/Accessory HDD, Hot-Swappable, 2TB	34712	742709347122
Spare Power Supply		Spare/Accessory Power Supply, Hot-Swappable	34713	742709347139
Spare Fan		Spare/Accessory Fan, Hot-Swappable	34714	742709347146
Spares Kit, 1TB HDD		ix12 Spares Kit with 1TB HDD, Fan and Power Supply	34995	742709349959
Spares Kit, 2TB HDD		ix12 Spares Kit with 2TB HDD, Fan and Power Supply	35000	742709350009

### Additional Product Images

