

IOMEGA® STORCENTER™ ix12-300r

AFFORDABLE NETWORK STORAGE ARRAY FOR
SMALL- TO MEDIUM-SIZED BUSINESSES OR REMOTE OFFICES



- » Enterprise-class data protection with the EMC® LifeLine™ operating system
- » Remote support via email notification and web access
- » Simplified user and group management with Windows® Active Directory® support
- » Simultaneous NAS file-level and iSCSI block-level access
- » Certified for VMware® vSphere 4.0, Citrix® XenServer™, Windows Server 2003, Windows Server 2008, and Windows Server 2008 R2
- » Support for RAID 0, 1, 5, 6, and 10
- » Available in 4TB and 8TB base capacities, 24TB maximum configuration

The Iomega® StorCenter™ ix12-300r offers easy-to-use, powerful, and affordable network storage for any small- to medium-sized business or distributed enterprise.

Available in configurations starting at 4TB, the StorCenter ix12 can be expanded up to 24TB in a single array without I/O interruption. With this ability to scale storage capacity, you can right-size your storage environment by purchasing the capacity needed today, then expand your system as your future storage needs grow.

High performance makes the StorCenter ix12 an ideal candidate for email and database applications or as a fast backup target. Robust connectivity allows simultaneous multi-protocol file and iSCSI block-level access. High reliability features—including RAID with hot-swap drives and automatic rebuild, dual hot-swap power supplies, and redundant variable-speed hot-swap cooling fans—ensure maximum availability.

ADVANCED DATA PROTECTION

Powered by EMC® LifeLine™ software, the StorCenter ix12 includes many enterprise-class features, such as device-to-device asynchronous replication to ensure data integrity at both the source and the replication target.

Enjoy extremely high throughput thanks to quad-Gigabit Ethernet connectivity and an Intel® Core™2 Duo Processor, plus link aggregation (port bonding). Assure data integrity with out-of-the-box RAID 0, 1, 5, 6, or 10. Multiple RAID types in an array allow for optimized performance and capacity. Minimize downtime with hot-swap SATA II drives and automatic RAID rebuild. The StorCenter ix12 also allows you to maximize energy efficiency with drive spin-down. Advanced power management includes UPS support in the event of power loss.

MULTI-PLATFORM, MULTI-TECHNOLOGY SUPPORT

The StorCenter ix12 supports PC, Mac, and Linux hosts, as well as iSCSI, making it an ideal choice for any environment. It even captures and stores video from IP security cameras without a dedicated computer.

- Utilize storage more efficiently—especially for database, email, and backup applications—with iSCSI block-level access.
- Microsoft Exchange 2010 ESRP listed
- HCL certified NAS (NFS) and iSCSI storage for VMware ESX (vSphere).



- Also certified for Citrix XenServer, Windows Server 2003, Windows Server 2008, and Windows Server 2008 R2.
- Active Directory Support allows the domain users and groups to authenticate to the Active Directory service to access the StorCenter ix12.
- Supported protocols include FTP, HTTP, SNMP, Microsoft (CIFS/SMB/Rally), Linux/UNIX (NFS), Apple AFP / Bonjour support, Windows DFS, and WebDAV.

INCLUDED SOFTWARE OFFERS EASE OF USE

EMC LifeLine, the management software that powers all Iomega StorCenter NAS devices, delivers robust functionality that stores, shares, manages, and protects data.

- » **Dashboard**—The EMC LifeLine dashboard provides a one-stop-shop for space usage, device information, control, and status. If one of these components has encountered an error, you are linked to the page that requires your attention.
- » **Remote Access**—Manage your StorCenter ix12 and access your files from any computer or device with internet access. Simply enter your secure, personalized web address into any web-enabled device.
- » **iSCSI Drives**—iSCSI lets you create a Storage Area Network (SAN) without requiring any new dedicated cabling or drives. It works right off your existing network infrastructure.
- » **Device-to-Device Replication**—Replicate your data from StorCenter to StorCenter, to an external USB drive, or to and from another network target using either the rsync or Windows File Sharing protocol.
- » **Downloadable Event Log**—EMC LifeLine provides an event log that displays the 1,000 most recent events logged to the device. In addition, a complete event log can be downloaded as a comma-separated file.
- » **Jumbo Frame Support**—If your network supports it, TCP/IP jumbo frame support can increase data flow. Your network functions more efficiently, and every user feels more productive.
- » **Advanced Notification & Management Support**—LifeLine supports fault notification through emails and supports more advanced notification through SNMP. Should your device or a component encounter a problem, you will be immediately notified, whether you are on your computer or not.
- » **Backup and Recovery**—A great target for network backup of client or server computers, the StorCenter ix12 is compatible with most of today's

popular backup software, including Apple Time Machine, Windows 7 Pro Advanced Backup, EMC Retrospect, and Symantec Backup Exec. It can act either as a block storage target using iSCSI or as a file-based target using NFS, CIFS, or AFP.

- » **Protected Installs & Upgrades**—LifeLine protects all installations and upgrades with proven RSA® BSAFE® encryption technology.
- » **Windows DFS**—To simplify access in distributed enterprises, Windows DFS (Distributed File System) organizes folders and files on a network, such that they appear to be all in one directory tree on a single Iomega StorCenter device, even if the folders reside on many devices in many different locations.
- » **WebDAV**—The StorCenter ix12 supports Web-based Distributed Authoring and Versioning, making it a natural choice for hosting web based collaborative applications.
- » **Virtual LAN (VLAN)**—VLAN capability simplifies management and operation by enabling devices to be logically, but not physically in the same subnet.
- » **Sophisticated Networking**—StorCenter ix12 offers ethernet port bonding for load balancing, high performance bandwidth aggregation or failover (though MPIO).
- » **Direct-Attached Storage (DAS)**—The StorCenter ix12 can be directly attached to a host via Gigabit Ethernet for file-level and iSCSI block-level access. The LifeLine client software sets up the host-storage connection without requiring a switch or router.
- » **Advanced Media Server Capabilities**—LifeLine offers built-in media serving capabilities. When enabled, the media server automatically scans for content in specific folders. Listen, view and access media content from any computer or DLNA/UPnP device on your network.

SERVICE AND SUPPORT

Iomega support options deliver choice and flexibility. The StorCenter ix12 includes a standard three-year warranty with phone coverage nine hours a day, five days a week. Optional service plans available include the Enhanced Service Plan that includes 24x7 phone support with next business day onsite response, or the Premium Service Plan that includes 24x7 coverage with four-hour*, on-site support.

* 4-hour on-site service is limited to locations within the designated service coverage zone

TECHNICAL SPECIFICATIONS

NAME	SKU	INTERFACE	CAPACITY	KEY FEATURES	BOX CONTENTS
StorCenter ix12-300r Network Storage Array	34656 (4TB) ¹ 34657 (8TB) ¹	Four (4) Gigabit Ethernet Ports	4TB 8TB	EMC LifeLine RAID 0, 1, 5, 6, 10 (JBOD also available) Supports up to three (3) USB printers VMware, XenServer, and Windows Server Certified Three (3) USB ports 4 x 1 GbE host connections Base configurations include four (4) SATA II Hard Disk drives (1TB or 2TB), expandable to 12 drives total	Iomega StorCenter ix12-300r Ethernet cable Power cables (USA, UK, Japan, Europe & Australia) Printed Quick Start Guide Solutions CD with system administration software, and user manual Sliding rail kit for standard 19" rack
4 x 1TB HDD expansion pack	34677 (+4TB)				
4 x 2TB HDD expansion pack	34678 (+8TB)				

¹ Four drive base configuration, expandable to 12 drives



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