



WD Sentinel™ RX4100

Network Storage Server

Designed specifically for office and workgroup environments, WD Sentinel RX4100 is an easy-to-install small business storage server in a 1U rack mount design. It provides secure unified storage, complete data protection, iSCSI SAN and remote file access for employees, clients and vendors, while in the office or working remotely from anywhere with an Internet connection. Featuring hardware and software from industry leaders, WD Sentinel RX4100 delivers a high-performance, cost-effective and easy-to-manage rack mount solution for a small office or workgroup network.



Product Features and Benefits

Low cost of ownership

Every WD Sentinel RX4100 ships with hard drives pre-installed and includes the software you need to protect up to 25 client computers in your network. There's no need to purchase additional backup software licenses for each additional computer.

Complete solution from industry-leading technology partners

- Pre-installed with hard drives optimized for reliability, quality and performance.
- Intel® Atom™ Dual Core 1.80 Ghz.
- Windows® Storage Server 2008 R2 Essentials software.

Simple server setup

Whether you're an IT expert or not, the simple wizard-based setup process allows you to integrate WD Sentinel server into your office network like a pro.

Connector software

The included Connector software allows you to seamlessly connect and backup the computers on your network to your WD Sentinel.

Centralized storage and file management

Secure centralized storage enables quick file storage and retrieval for everyone in your business.

Automated, server-driven backup

WD Sentinel automatically backs up and saves a complete image of up to 25 computers connected to the server.

File-folder or bare-metal restore

Restoring data from the server is easy. Simply recover individual files and folders or restore an entire computer from image-based backups stored on your WD Sentinel.

Extend features using add-ins

WD Sentinel allows you to add features to your server using third-party add-ins so you get more value from your investment. Learn more at: <http://pinpoint.microsoft.com>.

Secure remote access

Easily connect to your WD Sentinel from virtually anywhere with a personalized Internet address for secure remote data access. WD Sentinel also acts as a portal providing remote desktop access to the computers it is monitoring.

Block level deduplication

WD Sentinel features elegant block level deduplication technology that provides efficient client computer backup over the network.

Feature-rich management Dashboard

The Dashboard interface guides you through common wizard-based management tasks such as managing users, assigning folder permissions and setting up a backup schedule.

Active Directory join

Active Directory join capability enables WD Sentinel to seamlessly integrate into your existing infrastructure and networks.

Network media server

With the built-in network media server, your employees can access and stream WD Sentinel's shared media library on the network rather than maintaining copies of media files on their individual computers.

Easy data retention policy implementation

Windows clients can easily implement their company's data retention policy to ensure regulatory compliance.

Optional off-site disaster recovery service

Every small business should have a plan to protect its data from an unforeseen disaster (fire, flood, earthquake, etc.). KeepVault™ is an off-site cloud-based data backup and disaster recovery solution that's integrated within WD Sentinel's administration Dashboard.

Compatible with Mac® OS Clients

WD Sentinel RX4100 supports Apple® Filing Protocol (AFP), which provides complete compatibility for Mac OS-based client machines, including support for Time Machine® backup.

Virtual storage using iSCSI Target

Easily manage the deployment, setup and administration of iSCSI Target using the exceptionally user-friendly iSCSI Target capability of WD Sentinel, powered by StarWind®.

Leading edge performance

Dual Gigabit Ethernet connectivity delivers read speeds up to 105 MB/s through the Gigabit Ethernet interface. That's three times faster than most network drives in this category today.

Designed for high availability, reliability and 24/7 operation

- Pre-configured with four 3.5-inch WD hard drives with RAID-specific, time-limited error recovery (TLER). This feature prevents drive fallout caused by the extended hard drive error-recovery processes common to desktop drives.
- RAID level 5 with automatic rebuild functionality
- Automatic server-driven backup and restore ensures your data is always protected.
- Dual Gigabit Ethernet ports offer redundancy and high availability.
- Optional dual power supply ensures increased uptime.

WD Guardian™ Services

WD offers standard customer support and warranty to all WD Sentinel owners. WD Guardian Services provide additional support and warranty options for small business customers.

Learn more at www.wdguardian.com



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Technical Specifications:

Available Models	WDBLVH0160KBK 16 TB (4 x 4 TB) WDBLVH0120KBK 12 TB (4 x 3 TB) WDBLVH0080KBK 8 TB (4 x 2 TB)
CPU	Intel Atom D525 Dual Core 1.80 GHz
RAM	4 gigabytes SODIMM DDR3-800
Operating system	Windows Storage Server 2008 R2 Essentials
File sharing protocols	CIFS/SMB, AFP, NFS, WebDAV, FTP
Drive bays	4 x 3.5 inch front loading, hot-swappable hard drive bays
Internal hard drives	4 3.5-inch hard drives with RAID-specific time-limited error recovery (TLER): Pioneered by WD, this feature prevents drive fallout caused by the extended hard drive error-recovery processes common to desktop drives. Compatible Drive Models: For a complete list of compatible drive model numbers, search for Answer ID 9443 in the WD Knowledge Base at http://support.wd.com .
RAID	Drives pre-configured in RAID 5; automatic RAID rebuild
Backup and restore	Support for up to 25 Windows or Mac® client computers Windows clients: Included software offers automatic server based backup and restore; Bare Metal backup with block-level deduplication; Bare Metal or file/folder restore. Mac OS clients: Compatible with Time Machine® backup utility
Supported client operating systems	Windows 8, all 32-bit and 64-bit platforms Windows 7, all 32-bit and 64-bit platforms Windows Vista® with service pack 2, all 32-bit and 64-bit platforms Windows XP with service pack 3, 32-bit versions only Mac OS® X Mountain Lion, Mac OS X Lion, Mac OS X Leopard and Mac OS Snow Leopard File sharing support for Linux® and UNIX®
Maximum users	25
Network authentication	Active Directory join
Interfaces and ports	2 x Gigabit Ethernet ports (10/100/1000) 2 x USB 3.0 ports (rear) 1 x USB 2.0 port (front) 1 x VGA Port
Switches	Power (front) Recovery (rear)
LEDs	1 drive activity LED, 1 drive warning LED, 1 drive status LED, 1 power LED, 2 Ethernet port LEDs, 4 drive tray LEDs
Power	1 internal power supply 1 external power port for failover (optional)
Power supply	Input voltage: 100V to 240V AC Input frequency: 50 to 60 Hz Output voltage: 19V DC, up to 6.32A
Temperature	Operating temperature: 0 to 35 °C (32 to 95 °F) Non-operating temperature: -40 to 70°C (-40 to 158 °F)
Physical dimensions	Length: 26 inches (660 mm) Width: 19 inches (482.1 mm) Height: 1.75 inches (44 mm)
Weight	8 TB and 12 TB: 26.627 lbs (12.078 kgs) 16 TB: 27.112 lbs (12.298 kgs)

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As used for storage capacity, one terabyte (TB) = one trillion bytes. Total accessible capacity varies depending on operating environment. As used for transfer rate or interface, megabyte per second (Mb/s) = one million bytes per second, and gigabit per second (Gb/s) = one billion bits per second.

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