**WD**

absolutely™

# My Cloud™ EX2
## Personal Cloud Storage

Designed from the ground up with the quality and reliability you've come to expect from WD®, My Cloud EX2 is a high-performance, two-bay NAS for your home or small office. Save all your content in one place and protect it with RAID 1, cloud or LAN/WAN backup options. Stream large files to any screen and expand your NAS features with a full suite of apps.

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## Product Features and Benefits

**Your options are endless**
Choose a populated system that works right out of the box with integrated WD Red™ hard drives for ultimate compatibility. Or, choose the diskless enclosure to build your NAS with the drives of your choice.

*For the latest list of compatible drives, visit wd.com/ex2.*

**Drive management**
Control your data with multiple drive management options including RAID 0, 1; JBOD and spanning modes.

**Data protection at its best**
You're armed with multiple options to secure your data from loss. Choose from RAID 1, USB, cloud or LAN/WAN backup depending upon your data security needs.

**Easy to manage**
A powerful dashboard means your system is always under your control. Monitor your drives, manage users and utilize energy-saving features. Email and mobile alerts keep you informed on My Cloud EX2 status.

**Award-winning mobile and desktop apps**
With WD's My Cloud apps, you can upload, access and share your documents from anywhere. Conveniently transfer files from your public cloud accounts to My Cloud EX2 using the mobile app.

**Powerful apps to customize your NAS**
Featuring industry-leading apps, including aMule, Transmission, Icecast, Joomla!®, phpBB®, phpMyAdmin, SqueezeCenter, and more.

*For the most recent apps available, visit wd.com/ex2.*

**Advanced serving options**
Integrated file server, FTP server, backup server and P2P torrent download server.

**Stream media to your connected devices**
Stream videos and photos to connected TVs, media players, gaming consoles and other DLNA®/UPnP® devices. Features a Twonky DLNA-certified media server. And with My Cloud EX2 iTunes® support, you can easily stream your music collection.

**Back up, your way**
Protect your data with remote backup to another My Cloud EX2 or My Cloud EX4, integrated cloud backup or LAN/WAN backup. Enjoy peace of mind with WD SmartWare™ Pro for PC users and Apple® Time Machine® compatibility for Mac® users.

**Expand your capacity**
Simply attach a compatible USB hard drive directly to one of the two USB 3.0 expansion ports on My Cloud EX2 and instantly expand your storage capacity.
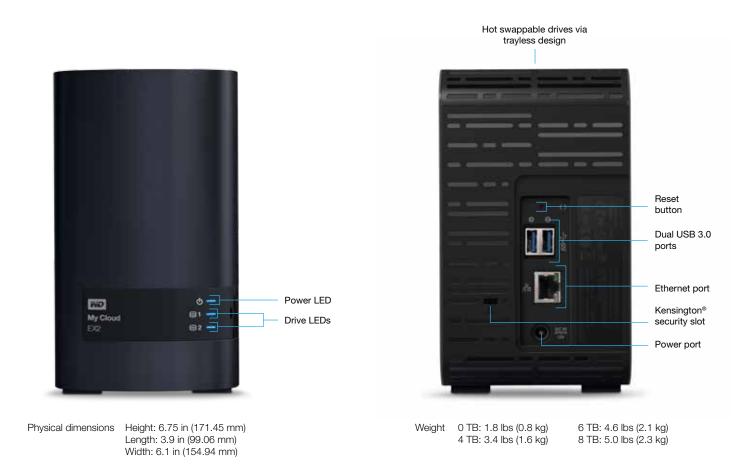
**Energy-saving features**
Save energy with disk spin-down and scheduled power on/off.

**Your own personal cloud**
Keep all your content in one safe place at home or your office and access it from anywhere with computers, tablets and smartphones. No monthly fees. No limits.

**Advanced features**
A full suite of advanced features to power your home or office including: iSCSI target, full-featured FTP services, jumbo frame support, iPv4/iPv6 ready, UPS support (USB and network), real-time resource monitor, volume encryption with boot-up password, SNMP and virtual volumes.

# Physical Features

Hot swappable drives via trayless design

Power LED

Drive LEDs

Reset button

Dual USB 3.0 ports

Ethernet port

Kensington® security slot

Power port

| Physical dimensions | Height: 6.75 in (171.45 mm)<br>Length: 3.9 in (99.06 mm)<br>Width: 6.1 in (154.94 mm) |
|---|---|

| Weight | 0 TB: 1.8 lbs (0.8 kg)<br>4 TB: 3.4 lbs (1.6 kg) | 6 TB: 4.6 lbs (2.1 kg)<br>8 TB: 5.0 lbs (2.3 kg) |
|---|---|---|

# Technical Specifications

| Interface | Gigabit Ethernet<br>Power supply (DC in)<br>USB 3.0 expansion port x 2 |
|---|---|
| Drive bays | 2 x 3.5 inch hard drive bays, hot swap capable, trayless design |
| Internal hard drives | WD Red NAS hard drives (Included in 4 TB, 6 TB and 8 TB  populated systems only) |
| Processor | 1.2 GHz |
| Memory | 512 MB DDR3 |
| Fan | 35 mm x 35 mm, 9500 RPM |
| System requirements | Windows® 8.1 or earlier, Windows 7, Windows Vista® or Windows XP (SP 3) operating systems<br>Mac OS® X Mavericks, Mountain Lion™, Lion™ or Snow Leopard® operating systems<br>DLNA/UPnP devices for streaming<br>Router with Internet connection |
| Supported web browsers | Internet Explorer® 8 or higher<br>Safari® 6 or higher<br>Firefox® 21 or higher<br>Google Chrome™ 27 and later on supported Windows and Mac OS platforms |
| Network protocols | DHCP client or static IP<br>NTP client<br>Dynamic DNS (DDNS)<br>Apple Bonjour® and Windows Rally™<br>Jumbo frame support<br>VLAN (802.1Q)<br>UPnP port forwarding<br>iPv4/iPv6<br>iSCSI<br>SSH |

# Technical Specifications, cont.

| | |
|---|---|
| Network file services | OS Supports:<br>&bull; Windows XP Home/ Pro (SP 3)<br>&bull; Windows Vista/7/8 (all versions)<br>&bull; Mac OS X Mavericks, Mountain Lion, Lion and Snow Leopard<br>CIFS/SMB for Windows, Mac OS X and Linux<br>NFSv3 for Linux and UNIX<br>AFP for Mac OS X<br>Microsoft&reg; Distributed File System (DFS)<br>WebDAV Server |
| Security | Active directory support for Windows server 2003/ 2008/ 2012<br>Volume encryption (256 bit AES) |
| File system | EXT4 for internal HDD<br>Supports the following formats for externally attached USB drives<br>&bull; FAT/FAT32<br>&bull; NTFS (read and write capability)<br>&bull; HFS+J (case sensitive)<br>&bull; Linux EXT2, EXT3, EXT4 |
| FTP server | Support port setting<br>Set port range of passive FTP<br>Option to report external IP in PASV mode<br>Client language selection<br>Anonymous FTP<br>Secure FTP support<br>Support File eXchange Protocol (FXP)<br>FTP bandwidth restriction (upstream/downstream)<br>IP address block (block access from undesired IP address) |
| Download management | HTTP downloads from a URL to a user specified folder on the NAS<br>FTP downloads of files or folders from an FTP server to another files/folders on the NAS<br>P2P torrent download manager |
| Disk management | RAID 0/1; JBOD; spanning<br>RAID migration:<br>&bull; JBOD to RAID 1<br>Hot swapping (RAID 1)<br>Disk roaming<br>Array roaming |
| Power management | Drive spin-up/down (including attached WD USB drives)<br>Automatic power recovery<br>Scheduled power on/off<br>Graceful shutdown on UPS low battery<br>Fan control<br>Network UPS<br>Wake On LAN |
| Remote access | My Cloud and WD Photos&trade; mobile apps<br>My Cloud desktop app<br>Web access |
| User/Group management | Max no. of users: 512 for Samba, 800 for ADS<br>Max no. of user groups: 64 for Samba, 200 for ADS<br>Max no. of network shares:128<br>Supports up to 10 concurrent CIFS connections<br>User/group assignment for network sharing/FTP<br>Quotas for groups or users<br>Assignment of users to multiple groups<br>Batch assignment of users to groups<br>Batch user creation<br>Importing users (CSV delimited format) |
| Backup management | Remote backups: Backup to a My Cloud EX2 or My Cloud EX4 locally or remotely<br>Apple Time Machine support<br>Backup internal files or folders of the device to other files/folders on the NAS<br>Cloud-based backup services<br>&bull; Amazon S3 (http://aws.amazon.com/s3/)<br>&bull; ElephantDrive (http://home.elephantdrive.com/welcome/wdc/)<br>Disk sync management for the attached USB ports |

# Technical Specifications, cont.

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|---|---|
| System management | Alert notifications<br>• Event UI messages<br>• UI alerts (with message acknowledgment required)<br>• Email notices<br>• QuickView pop-up messages<br>Network recycle bin<br>• Supports Windows CIFS<br>• Supports Apple AFP<br>System/FTP log (syslog client)<br>HTTP/S (web) administration interface (HTTP server)<br>Firmware upgrade<br>Configuration backup and restore<br>SNMPv2<br>System information<br>• CPU percentage<br>• RAM usage<br>• Network performance |
| USB port | Supports UPS monitoring<br>Supports external storage device<br>Supports MTP (Media Transfer Protocol) and PTP (Picture Transfer Protocol) |
| Media streaming | UPnP AV media server (Twonky v7.2)<br>DLNA 1.5 certification<br>Supports WD TV® Live™, Xbox® 360, PlayStation® 3, Windows 8, connected TVs, Blu-ray® players & digital picture frames<br>iTunes support |
| Add-on support | **aMule** - peer-to-peer file sharing application<br>**Transmission** - BitTorrent client<br>**Icecast** - media streaming app<br>**phpBB** - Internet forum application<br>**Joomla!** - content management system<br>**SqueezeCenter** - streaming audio server<br><br>**phpMyAdmin** - My SQL administration tool<br>**WordPress** - blogging tool and content management system<br>**NZBGet** - NZB file download management software<br>**Git** - revision control and source code management system<br>For the most recent apps available,<br>visit wd.com/ex2 |
| iSCSI | iSCSI target<br>• CHAP authentication<br>• iSNS (Internet Storage Name Service )<br>• Up to 64 iSCSI targets<br>Volume virtualization: NAS can be configured as an iSCSI initiator and capable of mapping any iSCSI target of the other device to be one virtual volume.<br>• Virtual disk drive (via iSCSI initiator)<br>• Max number of virtual disk drives supported is eight (8) |
| Power supply | AC input voltage: 100V to 240V AC<br>AC input frequency: 50 to 60Hz<br>DC output voltage: 12V DC, 3A |

| Power measurements with WD Red drive configurations | | No Drive | 2 x 2 TB | 2 x 3 TB | 2 x 4 TB |
|---|---|---|---|---|---|
| | Power off (WOL enable) | 1.05W | 1.05W | 1.05W | 1.05W |
| | Standby mode (AC power cord plug-in only, HDD in sleep mode) | N/A | 10.2W | 10.2W | 10.2W |
| | Idle | 8W | 16.7W | 16.7W | 16.7W |
| | Full operation | N/A | 21.3W | 22.3W | 23.3W |
| | Note: Standby Idle/Full Operation modes include two external HDD connected. | | | | |

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| Temperature | Operating temperature: 5° C to 35° C ( 41° F to 95° F)<br>Non-op temperature:  -20° C to 65° C (-4° F to 149° F) |
| Available capacities | 0 TB, 4 TB, 6 TB, 8 TB |

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