EMPOWER YOUR PASSION.

My Cloud™ Expert Series
NAS

Save all your valuable photos, videos, music and files on this ready-to-go, high-performance NAS solution for secure access to them anytime, from anywhere. Protect your content with multiple backup options, customize your NAS with a full suite of apps and enjoy peace of mind knowing that we've put our best in it, so you can put your best on it.

Key features

- Store and organize all your photos, videos and music in one safe place
- Access and share your media anywhere with our award-winning My Cloud app
- Stream HD content to your media players, Smart TVs and gaming consoles
- Automatically copy files from a USB or camera with the touch of a button
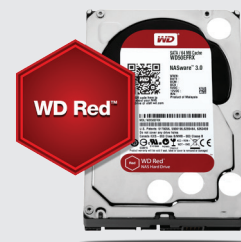
Transfer your media with blazing-fast speeds

Powered by a Marvell® ARMADA® dual-core processor so you can transfer and stream photos, videos and music in ultra-fast speeds.

Built-in reliability

My Cloud Expert Series pre-configured NAS come populated with ultra-reliable WD Red™ NAS hard drives for the ultimate NAS experience.
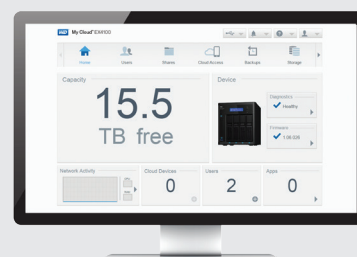

Safeguard your irreplaceable media and files

Multiple backup and RAID options help to ensure your most valuable photos, videos, music and files are secure from unexpected loss.

Intuitive, easy-to-use interface

The intuitive dashboard guides you through the process of setting up users and shares, customizing system features and monitoring your storage.

My Cloud Expert Series
Technical Specifications

	My Cloud EX2100	My Cloud EX4100
Interface	Gigabit Ethernet x 2 Power inlet (DC in) x 1 USB 3.0 expansion port x 1 rear USB 3.0 port with direct copy x 1 front	Gigabit Ethernet x 2 Power inlet (DC in) x 2 USB 3.0 expansion port x 2 rear USB 3.0 port with direct copy x 1 front
Drive bays	2 x 3.5 inch hard drive bays, hot swap capable, tray-less design	4 x 3.5 inch hard drive bays, hot swap capable, tray-less design
Processor	Marvell ARMADA 385 1.3 GHz dual-core	Marvell ARMADA 388 1.6 GHz dual-core
Memory	1 GB DDR3	2 GB DDR3
Network protocols	DHCP Client or Static IP, IPv4 and IPv6 • NTP Client • Dynamic DNS (DDNS) • Apple Bonjour and Windows Rally Jumbo frame support up to 9K • VLAN (802.1Q) • Link Aggregation and failover for 2 Gigabit Ethernet ports UPnP port forwarding • LLTD Link Layer Topology Discovery Protocol • iSCSI • SSH	
Network file services	CIFS/SMBv3 for Windows, Mac OS X and Linux • AFP for Mac OS X • NFSv3 for Linux and UNIX Linux Distributed File System (DFS) • FTP/SFTP Server • WebDAV Server	
Security	Active Directory support for Windows Server 2003/ 2008/ 2012 Volume Encryption (256 bit AES)	
File system	EXT4 for internal HDD Support following formats for externally attached USB drives • FAT/FAT32 • NTFS (read and write capability) • HFS+J (case sensitive) • Linux EXT2, EXT3, EXT4 Support for mounting ISO-Image	
Disk management	RAID: JBOD, spanning, 0/1 support RAID migration; Hot swapping; Disk roaming; Array roaming	RAID: JBOD, spanning, 0/1/5/10 + hot spare support RAID migration: Hot swapping; Hot spare (in four disk mode); Disk roaming; Array roaming
Power management	Drive Spin Up/Down (including Attached WD USB drives) • Automatic power recovery (with UPS) Schedule power on/off • Graceful shutdown on UPS low battery • UPS connection via USB or network • Wake On LAN	
Remote access	My Cloud and WD Photos™ mobile apps My Cloud Desktop app	
User/Group management	Max No. of Users: 512 for Samba, 800 for ADS Max No. of User Groups: 64 for Samba, 200 for ADS Max No. of Network Shares: Max No. of Network Shares: 128 Quotas for groups or users	
Backup management	Remote backups: My Cloud Expert Series to My Cloud Expert Series locally or remotely Backup internal files or folders on the device to other files/folders on the NAS or attached USB Cloud-based backup services: Amazon S3 and ElephantDrive Automatic backup software: WD SmartWare™ Pro (for up to 10 PC users); Apple Time Machine 10.5.8+ support (for Mac® users)	
Media streaming	Twonky media server • DLNA 1.5 certification • iTunes® Server	
Third-party app support	For the latest information on available third-party apps, visit:	
	wd.com/EX2100	wd.com/EX4100
iSCSI	iSCSI Target • Up to 64 iSCSI Targets CHAP authentication • iSNS (Internet Storage Name Service) 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. • Virtual Disk Drive (via iSCSI Initiator) • Max number of virtual disk drives supported is eight (8)	
Dimensions	Length 8.51 in (216.10 mm) Width 4.28 in (108.60 mm) Height 5.82 in (147.80 mm)	Length 9.13 in (232.00 mm) Width 6.69 in (170.00 mm) Height 7.56 in (192.00 mm)
Limited warranty	Populated 3 years Unpopulated 2 years	
Available capacities	Available capacities 0 TB, 4 TB, 8 TB, 12 TB (0 TB - diskless; 4 TB - 2 x 2 TB; 8 TB - 2 x 4 TB; 12 TB - 2 x 6 TB)	Available capacities 0 TB, 8 TB, 16 TB, 24 TB (0 TB - diskless; 8 TB - 2 x 4 TB; 16 TB - 4 x 4 TB; 24 TB - 4 x 6 TB)