

# ZyXEL



## Your Personal Cloud for a Better Social Life

# 4 Bay

- Instant remote access to NAS540 with the ZyXEL Drive mobile app
- Easy-to-use mobile group sharing from your own personal cloud
- User portal as the device status dashboard
- Easy-to-setup, easy-to-maintain ZyXEL NAS540
- Easy to access, share and organize your contents
- RAID 5 read/write performance at 130/77 MB/s

Create your own personal cloud with group sharing with ZyXEL's 4-Bay NAS540 Personal Cloud Storage. Equipped with RAID-5 configuration, hot-swappable HDD protection and dual-Gigabit Ethernet ports for link aggregation, the ZyXEL NAS540 can deliver up to 130 MB/sec of reading and 77 MB/sec writing speeds based on RAID-5 configuration.

Ever wanted to share drive space with a certain community in your social circle? Wouldn't it be great if they can easily access the media you've shared via their own mobile devices? Now you can with ZyXEL NAS540: instantly share hundreds of pictures and video clips you took for family and friends with the ZyXEL Drive mobile app!

### Benefits

#### Instantly access and share your files wherever you are

The ZyXEL Drive mobile app gives you the freedom to access and share files from your NAS wherever you are. Rest assured that the files are securely shared through private peer-to-peer connections with only those you're sharing files with.

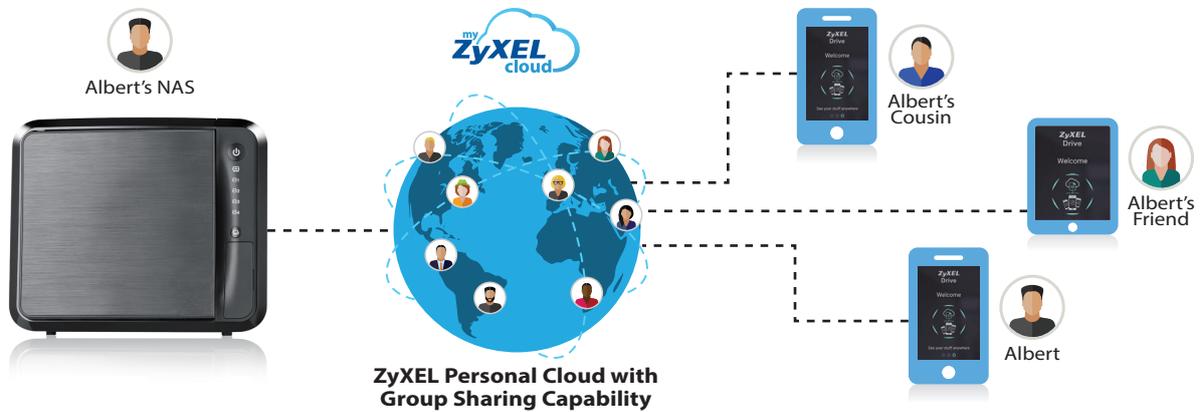


**NAS540**  
4-Bay Personal  
Cloud Storage



### Create a shared cloud space for people without NAS

Provide cloud space for your family members and/or friends when you share a folder from ZyXEL NAS540 with the ZyXEL Drive mobile app. Your friends and/or family members don't need to purchase any additional NAS – just install the ZyXEL Drive mobile app on their favorite mobile device!



### Rock-solid data protection

Protect your personal data with RAID 1, 5, 6, 10 or 5+ Hot Spare. With RAID support, the ZyXEL NAS540 can protect your personal data from hard disk failures. In case any one of the disks failed, you can still access your data safely and restore the normal RAID protection with the failed disk replaced.



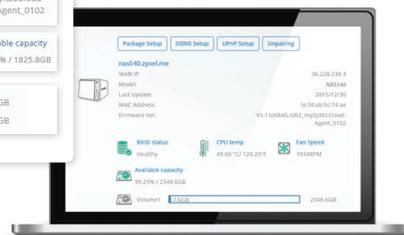
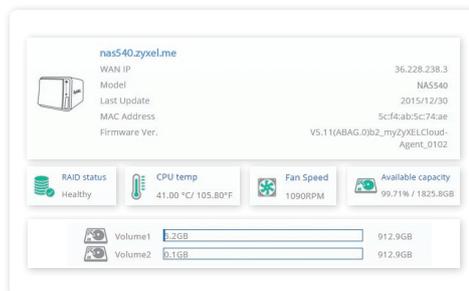
### Get up and running quick with our easy-to-use interface

ZyXEL NSM 5.1 intelligent desktop provides a rich feature set of tools with an easy-to-understand GUI design to quickly get the things done. You can multitask with multiple windows to get your applications up and running quickly.



### Check your NAS while you're away

Got multiple ZyXEL NAS and want to quickly check their health status? Get an instant glance of their status by visiting the myZyXELcloud Web portal even if you're away from home, or you may also install it in a family member's or friend's home. With the myZyXELcloud Web portal, you get a clear dashboard to see if anything requires maintenance or service.



### Stream multimedia contents to big screen TV

Bring your favorite multimedia files on the ZyXEL NAS540 to the big screen. With the ZyXEL zCloud app, you can play your favorite videos, music or photos on the big screen with TV streaming devices such as Apple TV\*, Google Chromecast\*\*, Roku 3, Amazon Fire TV or Samsung\*\*\*/LG Smart TV.



### Instant upload for automatic phone backup

To use ZyXEL zCloud app that supports Instant Upload capability from your mobile phones to ZyXEL NAS540, you can select multiple photo or video sources from your mobile phone, and then upload or backup those files automatically to specified destination folders on your NAS.



### Bolt-free design for quick, easy setup

The bolt-free design makes it convenient to install hard disks on the ZyXEL NAS540 without using screwdrivers or other hardware tools.

#### HDD Installation

**1** Remove the front panel



**2** Remove the clips from the tray



**3** Clip on hard drive and slide it back



### More Features

#### APPS



ZyXEL Drive



ZyXEL zCloud



#### NAS OS



NAS Station Management



iSCSI



SAMBA 4.0



Simple & Quick Setup

#### myZyXELcloud



Remote Management



ZyXEL DDNS



Cloud UPnP



User Cloud Portal



Push to Find



P2P DirectConnect



Cloud Folder Sharing

#### NAS540



Dual-Core 1.2 GHz CPU



RAID 1



RAID 5



RAID 6



RAID 10



Link Aggregation



Ethernet 10/100/1000 Mbps



SDXC Support



Quiet Fan Design



Super Speed USB 3.0

## Specifications

### System Specifications

#### Networking

- Network protocol:
  - CIFS/SMB for Windows
  - NFS for Linux/Unix
  - AFP for Mac
  - DHCP client
  - PPPoE
  - Network Time Protocol (NTP)
  - iSCSI
- Network applications:
  - Media server:
    - Twonky media server with DLNA 1.5 and UPnP AV
    - iTunes server
    - Logitech media server
    - Photo album server
  - Web service:
    - WebDAV
    - FTP server
    - phpMyAdmin/MySQL/PHP
    - RSS client & server
    - Print server (CIFS)
    - Remote access support (DyDNS)
  - iOS and Android application:
    - ZyXEL Drive, zCloud, ownCloud
  - Network application management:
    - User & group management
    - Package management for setting up applications
  - Network security:
    - Support HTTPS and FTPES (FTP over explicit TLS/SSL)
    - Encrypted NAS to NAS remote replication
    - Encrypted NAS to external disk archive backup

#### Data Management

- Backup support:
  - One-touch copy/sync button for external USB capable devices backup
- Backup planner:
  - Instant/Scheduled backup
  - NAS to NAS synchronization/archive backup
  - Rsync
  - NAS to external USB hard disk backup
- Google Drive\*\*, Dropbox, Memopal, ownCloud, SynBackupfree and NetDrive support
- Apple Time Machine support

- Download/Upload support:
  - Auto-download from FTP/HTTP/P2P download service
  - Scheduled download
  - Auto-upload photos and videos to YouTube/Flickr/FTP server
- File system support:
  - Internal HDD: EXT4
  - External HDD: NTFS, EXT2, EXT3, EXT4, FAT32, HFS+ (read only)

#### System Management

- JBOD, RAID 0/1/5/6/10, RAID 5+ Hot Spare
- Online firmware upgrade
- Self-Monitoring Analysis and Reporting Technology (S.M.A.R.T.)

#### Power and Thermal Management

- Power control:
  - Internal disk hibernation support
  - Scheduled power on/off/reboot
  - Wake-On-LAN support
  - System automatically resume after power outage
  - APC USB UPS monitoring and auto shutdown
- Thermal management:
  - Smart fan speed control
  - High temperature alert/buzzer
  - Auto shutdown while high temperature

#### Minimum System Requirements

- OS for utility: Windows XP onward, Mac OS X 10.5 onward
- Browser: IE 11+, Firefox 20+, Google Chrome 37+, Safari 5+

#### Application Package Center

- myZyxelCloud service
- myZyxelCloud agent, version 1.04
- Cloud application
  - ownCloud (Cloud synchronization), version 7.0.15
  - Google Drive\*\*, version 0.5.0
  - Dropbox, version 6.7.0
  - Memopal, version 3.0.0
- Download management
  - NZBGet (NZB file download management supported), version 15.0
  - Transmission (Torrent file supported), version 2.84
  - pyLoad (Download manager for many oneclick-hosting sites), version 0.4.9

#### Additional:

- Gallery (The web-based application allows your NAS to host pictures), version 3.0.9
- WordPress (Blogging tool and content management system), version 4.4.1
  - Tftp, version 0.7
  - NFS, version 1.3.0
- Logitech media server (Stream audio system), version 7.7.4
- PHP-MySQL-phpMyAdmin (MySQL administration tool), version 1.0

### Hardware Specifications

- CPU: FreeScale Dual Core Cortex-A9 1.2 GHz
- Memory: DDR3 1 G
- Four 2.5" or 3.5" SATA II hard disk the max support up to 48 TB (12 TB x4)
- Hot swappable HDD support
- Two Gigabit Ethernet RJ-45 connectors
- Three USB 3.0 ports
- One SDXC card read (Up to 128 GB)
- Buttons:
  - Power button
  - Copy/Sync button
  - Reset button
- Smart fan design
- Power consumption:
  - Access mode: 36.5 watt (Max)
  - Hard disk spin-down mode: 14.8 watt
- Power:
  - Input: 100 - 240 V AC, 50/60 Hz
  - Output: 19 V DC, 4.74 A

### Physical Specifications

- Item dimensions (WxDxH): 190 x 225 x 160 mm (7.48" x 8.85" x 6.29")
- Item weight: 2,000 g (4.40 lb.)
- Packing dimensions (WxDxH): 316 x 269 x 286 mm (12.44" x 10.59" x 11.26")
- Packing weight: 3,800 g (8.38 lb.)

### Environmental Specifications

#### Operating Environment

- Temperature: 0°C to 40°C (32°F to 104°F)
- Humidity: 10% to 95% (Non-condensing)

#### Storage Environment

- Temperature: -30°C to 70°C (-22°F to 158°F)
- Humidity: 10% to 95% (Non-condensing)



## Certification

- Safety: CE LVD, BSMI
- EMC: CE, FCC class B, C-Tick, BSMI
- Others: DLNA 1.5, UPnP

## Package Contents

- Network storage device (Hard disks not included)
- Power supply and power cord
- Ethernet cable
- FindMe note
- Quick start guide
- Warranty card
- Hardware bag
- Accessory pack

*\* Apple and Apple TV are trademarks of Apple Inc., registered in the U.S. and other countries. AirPlay is a trademark of Apple Inc. ZyXEL zCloud app v2.1 will support Airplay.*

*\*\* © 2015 Google Inc. All rights reserved. Chromecast™ is a trademark of Google Inc. ZyXEL zCloud app v2.1 has supported Chromecast.*

*\*\*\* © 2015 SAMSUNG. All rights reserved. ZyXEL zCloud app v2.2 will support Samsung TV.*

For more product information, visit us on the web at [www.ZyXEL.com](http://www.ZyXEL.com)



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