ZyXEL

Your Choice for Reliable and Secure Personal Cloud Storage

4 Bay

- **Backup everything with complete protection**
- **Blade-speed performance access to all your data**
- **Create a personalized cloud for anywhere access**

Create a personal cloud with ZyXEL's NAS540 4-Bay Personal Cloud Storage server. Enjoy the freedom to bring large amounts of documents and multimedia files along with your mobile devices where Internet connection is available. Sync your mobile devices easily with popular cloud platforms including Google Drive™**, Memopal, ownCloud or ZyXEL's new zCloud 2.0. Equipped with RAID-5 configuration and dual Ethernet ports for link aggregation support, the ZyXEL NAS540 can deliver up to 130 MB/sec of reading and 48 MB/sec writing speeds.

Benefits

Personal cloud for easy remote file access, backup, syncing and sharing

The ZyXEL NAS540 gives you the ability to access your cloud storage anytime and anywhere. ZyXEL zCloud 2.0 enables you to view and access your multimedia contents on the NAS540 remotely through Android or iOS mobile devices. Through ownCloud support, you can also remotely access and sync files on Windows, Mac OS X, Android, iOS and even Linux**** computers. Instant Picture Upload automatically backs up your photos from your mobile device, and you can create public Web links with ownCloud to easily share files with friends, families or co-workers.

iOS   Android   Mac OS X   Windows   Linux   ownCloud

Google play   App Store

ZyXEL green

NAS540
4-Bay Personal Cloud Storage

my ZyXEL cloud   UPnP   dlna CERTIFIED   Works with Dropbox   ownCloud   memopal online backup   NetDrive

Portal to your devices

Visit https://mycloud.zyxel.com to obtain a free DDNS service to create a personalized link that directs to your remote ZyXEL NAS540. Establish a DDNS link to ZyXEL zCloud 2.0 and ownCloud application to easily access files from your mobile devices.
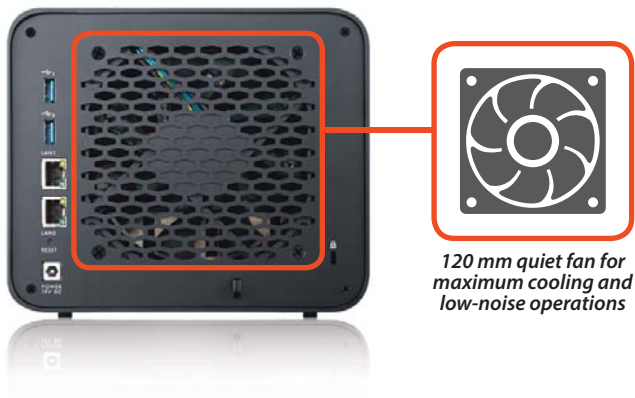
High-performance networking hardware

The 1.2 GHz dual-core CPU and 1 GB of DDR3 RAM enables the ZyXEL NAS540 to handle intensive network data management tasks. The two Ethernet LAN ports with link aggregation capability deliver the best data transfer speeds on your network. The fast USB 3.0 ports provide external storage devices with data transfer rates of up to 4.8 Gbps, making backup tasks a snap. An SD card slot with the latest SDXC support is included for you to easily transfer new photos to the ZyXEL NAS540.

Cool, quiet design for silent operations

The ZyXEL NAS540 is designed to keep your drives cool for increased product life. The 120 mm fan allows it to push more air to cool down the drives without the annoying noise from high-speed, smaller fans. With 27 dB sound level from the 100 cm distance, the NAS540 is whispering quiet and it gives you the freedom to place the device anywhere without disturbing the environment.
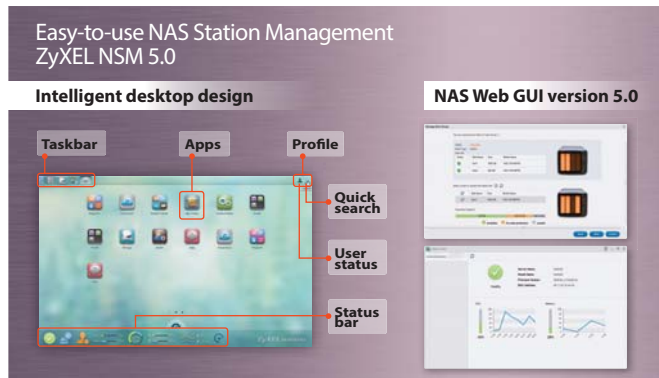
Rock-solid data protection

Protect your personal data with RAID 1, 5, 6 or 10. 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.

120 mm quiet fan for maximum cooling and low-noise operations

Multiple options to secure data from failure

Intelligent desktop with easy graphic interface

The latest intelligent desktop offers a smooth, user-friendly graphic interface that allows you to easily view and manage the applications on your ZyXEL NAS540. Check your NAS540 health status, including CPU utilization and fan speed, with its intuitive Web GUI to ensure the network storage is running reliably.

Stream multimedia contents with AirPlay* or Chromecast™**

Bring your favorite multimedia files on the ZyXEL NAS540 to the big screen. With apps like BubbleUPnP, Avia, Samsung TV Media, or ZyXEL zCloud v2.1***, you can play your favorite videos, music or photos on the big screen with connected streaming devices such as AppleTV or Chromecast.

Easy-to-use NAS Station Management
ZyXEL NSM 5.0

Intelligent desktop design — NAS Web GUI version 5.0

Taskbar · Apps · Profile · Quick search · User status · Status bar

USB 3.0 and SDXC support for fast backup

The USB 3.0 ports provide a fast interface for external storage with data transfer rates of up to 4.8 Gbps to make backup tasks a snap. An SD slot with the latest SDXC support is included for you to transfer new photos to the ZyXEL NAS540 easily.

Screw-less design makes setup a snap

Put your toolbox away. The ZyXEL NAS540's design requires no screws, making drive installation quick and easy. The device supports four 2.5" or 3.5" SATA II hard drives in a mirrored RAID 5 configuration, offering up to 4TB of storage.

Create a reliable and scalable storage environment at home with iSCSI***

Now you can easily create your own NAS home network storage server. Your system identifies the iSCSI network target as a local drive, enabling you to connect your NAS box as if it was physically inside your computer. You can leverage your computer's built-in iSCSI tool to achieve faster performance from your local network storage. Better still, iSCSI allows home users to consolidate storage into a data center array, giving hosts the appearance of locally attached disks.

USB 3.0 with copy performance of up to 4.8 Gbps

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NAS540
4-Bay Personal Cloud Storage

Specifications

System Specifications

Networking
- Network protocol:
  - CIFS/SMB for Windows
  - NFS for Linux/Unix
  - DHCP client
  - PPPoE
  - Network Time Protocol (NTP)
- Network applications:
  - Media server:
    - DLNA 1.5 media server
    - UPnP AV server
    - iTunes server
    - SqueezeCenter support
    - Photo album server
- Web server:
  - WebDAV
  - FTP server
  - phpMyAdmin/MySQL/PHP
  - RSS client & server
  - Print server (CIFS)
  - Remote Access Support (DyDNS)
- Smartphone application:
  - zCloud, ownCloud
- Network application management:
  - User & group management
  - Lightweight Directory Access Protocol (LDAP)***
  - 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 and NetDrive support
  - Apple Time Machine support
- Download/Upload support:
  - Auto-download from FTP/HTTP/P2P download service
  - Scheduled download

- Auto-upload photos or videos to Flickr/YouTube/FTP server
- File system support:
  - Internal HDD: EXT4
  - External HDD: NTFS, EXT2, EXT3, EXT4, FAT32, HFS+, exFAT

System Management
- JBOD, RAID 0/1/5/6/10, RAID5+Hot Spare
- Online firmware upgrade
- Self-Monitoring Analysis and Reporting Technology (S.M.A.R.T.)
- iSCSI***

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
- NAS starter utility: Windows XP and up, Mac OS X 10.5 and up
- Browser: IE 11+, Firefox 20+, Google Chrome 37+, Safari 5+

Application Package Center
- Cloud application:
  - ownCloud v7.x
  - Google Drive™**
  - Dropbox
  - Memopal
- Download management:
  - NZBGet
  - Transmission
  - pyLoad
- Backup planner
- Gallery
- WordPress
- Tftp
- NFS
- SqueezeCenter
- PHP-MySQL

Hardware Specifications
- CPU: FreeScale FS1024 Dual Core 1.2 GHz
- Memory: DDR3 1 G
- Four 2.5" or 3.5" SATA II hard disk the max support up to 24 TB (6 TB x 4)
- Hot swappable HDD support
- Two Gigabit Ethernet RJ-45 connector
- 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% R.H. to 90% R.H.

Storage Environment
- Temperature: -30°C to 70°C (-22°F to 158°F)
- Humidity: 10% R.H. to 95% R.H.

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

Package Contents
- Network storage device
- Power adapter
- Ethernet cable
- Quick start guide
- Warranty card

*Apple and AirPlay are trademarks of Apple Inc., registered in the U.S. and other countries. AirPlay is a trademark of Apple Inc.

** (C) 2014 Google Inc. All rights reserved. Chromecast™ is a trademark of Google Inc.

*** Release in 2015

**** Check with ownCloud's website for official supported Linux distributions

Application Diagram

my **ZyXEL** cloud

Access Your Files from Anywhere

NetDrive ownCloud

Dropbox

memopal

Private

Public

Access from Multiple Apps

DLNA Support

ZyXEL zCloud

ownCloud

Stream Your Media to Multiple DLNA Devices

Smart TV

Game Console

Laptop

Smartphone

Tablet

NAS540
4-Bay Personal Cloud Storage

Full Capacity RAID support protects data in case of hard drive failure

FULL

USB 3.0

Secure Digital Memory Card

USB Mass Storage Device

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