

ZyXEL



www.zyxel.com/green

- Streams multiple HD media on DLNA TV or media player easily
- Auto download/upload platforms freeing up your PC
- Freely access your own personal cloud from anywhere with Polkast support
- zPilot™ organizes media files via easy drag-and-drop operations
- Green media server for energy saving

Simple Media Server for Streaming and Sharing Multimedia

The ZyXEL NSA310 1-Bay Media Server is an easy-to-use storage device that simplifies large file transfers, backups and multimedia streaming services. The latest personal cloud feature provides you an easy way to access, share and enjoy digital media contents no matter where you are!

Benefits

Easily enjoy HD videos everywhere at home

With a powerful CPU and ample memory, the NSA310 1-Bay Media Server can quickly transfer, backup and stream large multimedia files at the same time. In addition, the NSA310 can handle simultaneous multiple 1080P high-definition streams to different UPnP and DLNA-certified devices such as the Microsoft Xbox 360, Sony PS3, SqueezeBox and DLNA TV in every room at home.



Store and share with your friends in a snap



In addition to serving as an eMule/BitTorrent/FTP server, our one-click hosting download manager makes it easy for you to manage large files downloads from RapidShare.

If you'd like to backup your photos and videos stored in digital cameras, smart phones or USB mass storage devices, just plug these devices into the NSA310's USB ports and push the copy/sync button*. You can easily store the precious memories and have them ready to share with friends and family.

The auto-upload function enables the NSA310 to automatically share your files on Flickr, YouTube, and similar social media sites.



NSA310 1-Bay Media Server





NSA310 1-Bay Media Server

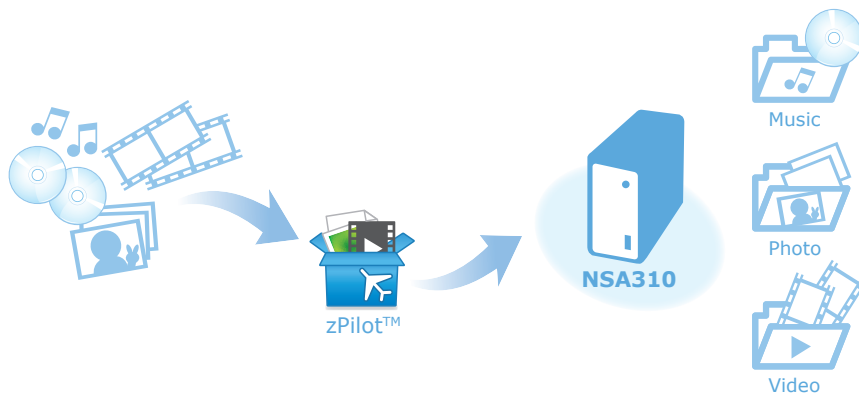
Access, share and enjoy it everywhere!

The ZyXEL Media Server is more than just a central home media library. With the latest Personal Cloud feature of NSA310, you can freely access, share and enjoy digital media contents no matter where you are: just start the Polkast app on your smartphone or tablet, then you can easily access your NSA310 and immediately find the files you'd like, or share photos, music and videos with your friends or family members. How about sharing beautiful scenes from a trip with your beloved ones when you're still on the road? Just send the pictures or videos to your NSA310 through Polkast, and they will see exactly the same scenes as you do on Facebook, YouTube or Flickr in seconds!



Organize media at your fingertips

The zPilot™ file auto-classification function of the NSA310 enables you to easily store and manage media files through simple drag-and-drop operations. With zPilot™ software installed on your computer, you can drag one or more files or folders to the zPilot™ icon on the desktop, and they will be identified and delivered automatically to music, photo, video or other designated folders on the NSA310.



Green media server for energy saving

Wake-on-LAN, a new green feature, allows users to turn on the NSA310 and access media files remotely anytime, anywhere, even the device at home is powered off. In addition, with internal hard disk hibernation support, the hard disk in the NSA310 can automatically spin down when there is no data transmission after a period of time. The power scheduling function can automatically turn the NSA310 off based on your usage patterns and needs to conserve power and expense.

* It is recommended to create a specific share first for backup files.



NSA310 1-Bay Media Server

Specifications

System Specifications

Networking

- Network protocol:
 - CIFS/SMB for Windows
 - NFS for Linux and Unix
 - DHCP client
 - PPPoE
 - Network Time Protocol (NTP)
- Network application:
 - Personal Cloud with Polkast support
 - Media server:
 - DLNA 1.5 media server
 - UPnP AV server
 - iTunes server
 - SqueezeCenter support
 - Photo album server
 - Web server:
 - FTP server
 - phpMyAdmin/MySQL/PHP
 - RSS client & server
 - Network application management:
 - User & group management
 - Package Management for setting up applications
 - One-click-hosting sites download manager
 - Network security:
 - Support HTTPS and FTPES (FTP over explicit TLS/SSL)
 - Encrypted NSA to NSA remote replication
 - Encrypted NSA 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
 - NSA to NSA synchronization/archive backup
 - NSA to external USB hard disk backup
- Dropbox support
- Apple Time Machine support
- Download/Upload support:
 - Auto-download from FTP/HTTP/BitTorrent/eMule
 - Scheduled download
 - One-click hosting sites downloading

- Auto-upload photos and videos to YouTube/Flickr/FTP server
- File system support:
 - Internal HDD: EXT4
 - External HDD: NTFS, EXT2, EXT3, FAT32, ReiserFS, XFS

System Management

- Internal SATA work with eSATA hard disk to have RAID1 or JBOD migrate to RAID 1
- 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 off/reboot
 - Wake-on-LAN support
 - 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/Vista/7 (32 & 64 bit)
- Browser: IE 7.0+, Firefox 3.6+, Google Chrome 10+, Safari 5+

Hardware Specifications

- One 3.5" SATA II/III hard disk interface supported
- LAN: One 10/100/1000 Ethernet RJ-45 connector
- Two USB 2.0 ports
- One eSATA port
- Buttons:
 - Power button
 - Copy/Sync button
 - Reset button
- Smart fan design
- Power consumption:
 - Access mode: 16.3 watt
 - Wake-on-LAN mode: 0.24 watt
- Power:
 - Input: 100 - 240 V AC, 50/60 Hz
 - Output: 12 V DC, 2.5 A

Physical Specifications

- Item dimensions (WxDxH):

- 58 x 196 x 130 mm (2.28" x 7.71" x 5.12")
- Item weight: 662 g (1.46 lb.)
- Packing dimensions (WxDxH): 362 x 110 x 201 mm (14.25" x 4.33" x 7.91")
- Packing weight: 1,530 g (3.38 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

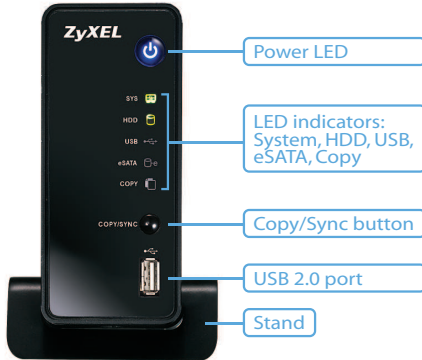
Package Contents

- Media server (Hard disk not included)
- Stand
- Power adapter
- Ethernet cable
- Quick start guide
- Support CD
- Warranty card

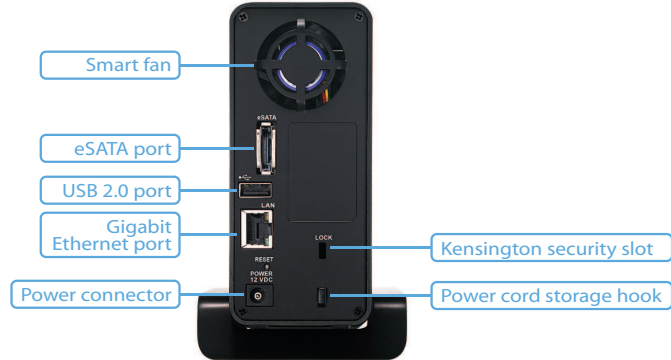


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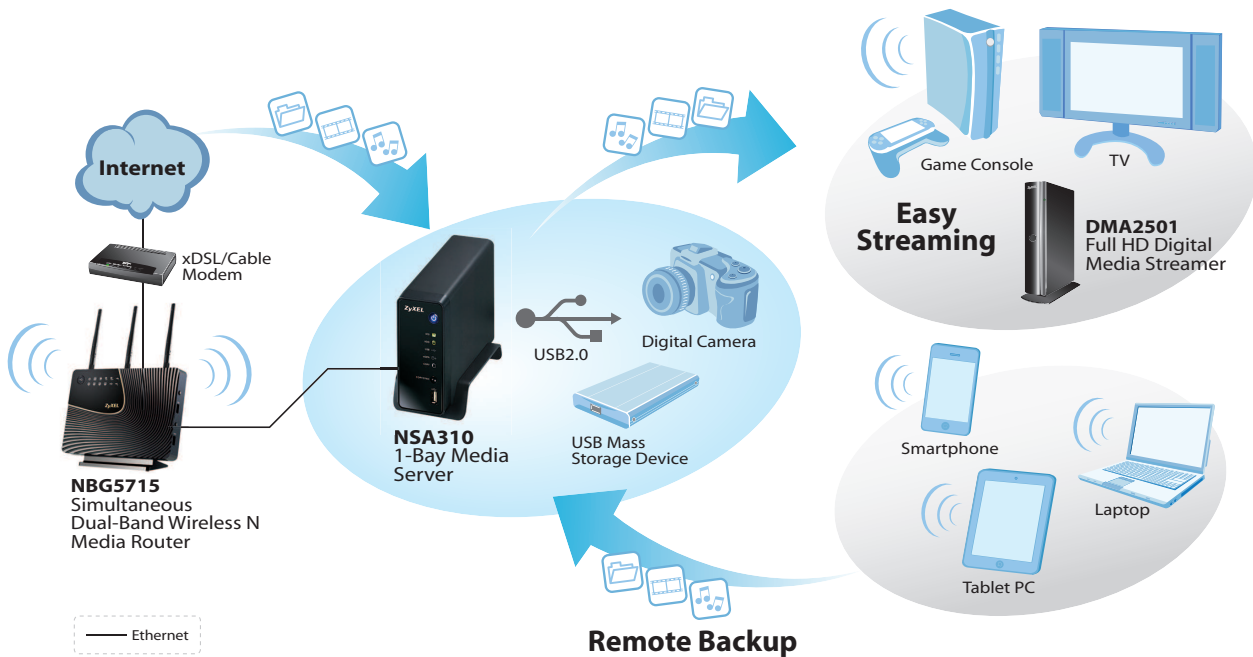
Front Panel



Rear Panel



Application Diagram



For more product information, visit us on the web at www.ZyXEL.com



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