ZyXEL

Superior Media Server Brings
HD Multimedia Enjoyment Everywhere

- **Superior performance powers multiple HD streaming**
- **Freely access your own personal cloud from anywhere with Polkast support**
- **Easy configuration through mobile devices**
- **USB 3.0 port provides faster backup from USB devices**
- **All-in-one backup solution protecting valuable user data**
- **Dropbox support offers remote backup and downloading everywhere**
- **Advanced green NSA with Wake-on-LAN, power scheduling and hard disk hibernation for energy saving**

Make NSA325 2-Bay Power Plus Media Server more than just a central home media library. You can freely access, share and enjoy digital media contents through your smartphones and tablets with the Polkast App, no matter where you are!

Benefits

Superior performance

Powered by a 1.6 GHz CPU and 512 MB memory, the ZyXEL NSA325 2-Bay Power Plus Media Server provides faster multimedia streaming speed and sharing functions simultaneously to different UPnP- and DLNA-certified devices, such as Microsoft Xbox 360, Sony PlayStation 3 or DLNA TV in every room at home.

Acting as an iTunes server, SqueezeCenter, personal blog and photo album server, the NSA325 makes it easy to stream and share multimedia contents on PCs, laptops and SqueezeBoxes.

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 NSA325, 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 NSA325 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 NSA325 through Polkast, and they will see exactly the same scenes as you do on Facebook, YouTube or Flickr in seconds!

Smartphone at a Café

Smartphone at an Office

Your Personal Cloud!

Home

Tablet at Friend's Home

ZyXEL green

NSA325
2-Bay Power Plus Media Server

Wake-on-LAN   Power Scheduling   Hard Disk Hibernation   Smart Fan

UPnP   dlna CERTIFIED   Works with Dropbox

ZyXEL

NSA325
2-Bay Power Plus Media Server
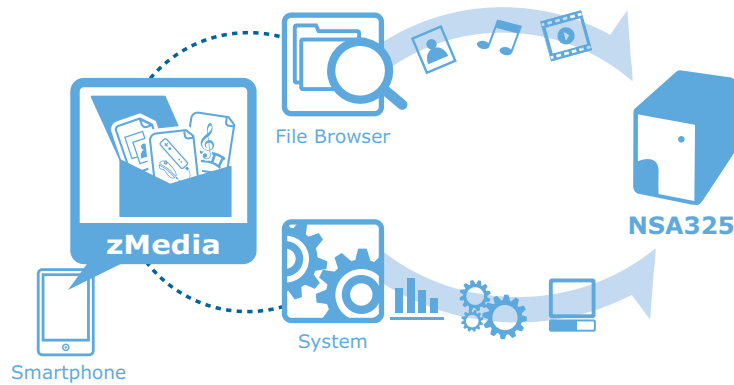
Easy configuration through mobile devices

When you are at home, zMedia, a mobile App designed for your smartphones, allows you to not only play videos, photos and music stored in the NSA325, but also easily check NSA325 system, file download/upload status or configure your NSA325 remotely without powering up your PC or laptop.
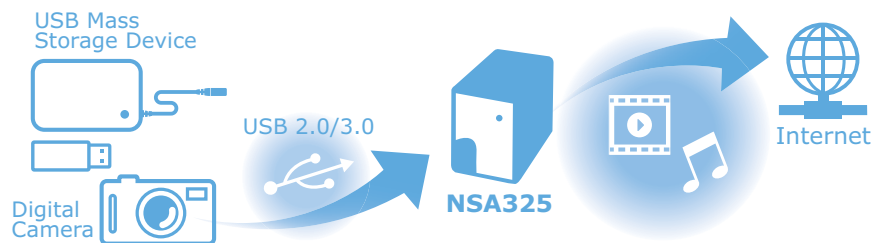

Faster file sharing and storing

The embedded USB 3.0 port and copy/sync button on the NSA325 bring faster data backup speed and synchronization to and from USB mass storage devices or digital cameras.

In addition to serving as a P2P download service/FTP server, the one-click hosting download manager also makes it simple for you to manage large file downloads from RapidShare. With Dropbox support, you can remotely backup files and send the torrent from your smartphone and tablet to your NSA325 virtually anywhere.

Green media server for energy saving

A new green feature dubbed "Wake-on-LAN" enables users turn on the NSA325 and access media files remotely anytime and anywhere, even when the device at home is powered off. In addition, with support to the hibernation mode, the internal hard disks in the NSA325 can automatically spin down when there is no data transmission after a period of time. With the power scheduling function, the NSA325 can be turned on or off automatically based on your usage patterns and needs to conserve power and expense.

Specifications

System Specifications

Networking
- Network protocol:
  - CIFS/SMB, NFS (for Linux/Unix)
  - FTP, HTTP
  - 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
- Smartphone application:
  - zMedia for NSA configuration, system status monitoring, file browsing and media playback
- 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/P2P download service
  - 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
- RAID 0, 1, JBOD
- 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/Vista/7 (32 & 64 bit)
- Browser: IE 7.0+, Firefox 3.6+, Google Chrome 10+, Safari 5+

Hardware Specifications
- Two 3.5" SATA I/II hard disk interface supported
- One Gigabit Ethernet RJ-45 connector
- Two USB 2.0 ports
- One USB 3.0 port
- Buttons:
  - Power button
  - Copy/Sync button
  - Reset button
- Smart fan design
- Power consumption:
  - Access mode: 27 watt
  - Hard disk spin-down mode: 7 watt
- Power:
  - Input: 100 - 240 V AC, 50/60 Hz
  - Output: 12 V DC, 5 A

Physical Specifications
- Item dimensions (WxDxH):
  108 x 205 x 147 mm (4.25" x 8.07" x 5.79")
- Item weight: 1,080 g (2.38 lb.)
- Packing dimensions (WxDxH):
  280 x 173 x 210 mm (11.02" x 6.81" x 8.27")
- Packing weight: 1,810 g (3.99 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
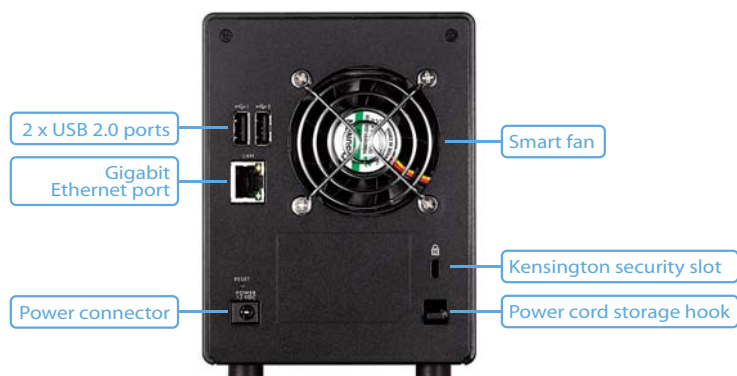- Media server (Hard disks not included)
- Power adapter
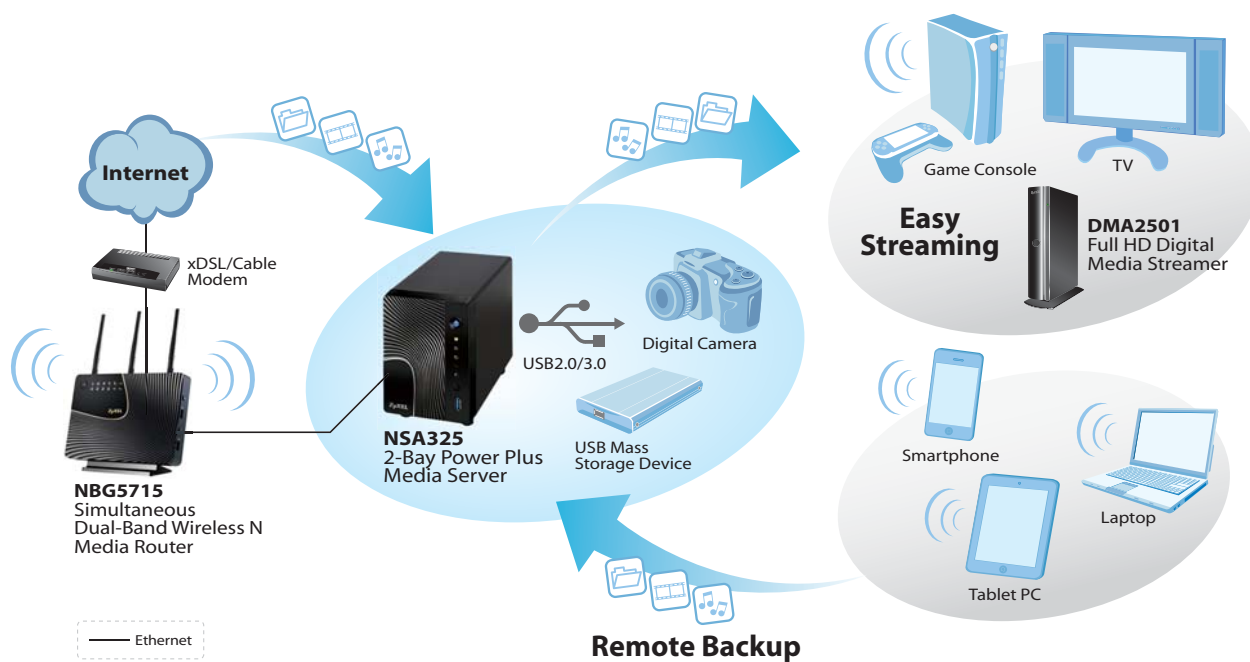- Ethernet cable
- Quick start guide
- Support CD
- Warranty card

ZyXEL

NSA325
2-Bay Power Plus Media Server

Front Panel

- Power LED
- LED indicators: System, HDD1, HDD2, USB, Copy
- Copy/Sync button
- USB 3.0 port

Rear Panel

- 2 x USB 2.0 ports
- Gigabit Ethernet port
- Power connector
- Smart fan
- Kensington security slot
- Power cord storage hook

Application Diagram

Internet

xDSL/Cable Modem

NBG5715
Simultaneous Dual-Band Wireless N Media Router

Ethernet

NSA325
2-Bay Power Plus Media Server

USB2.0/3.0

Digital Camera

USB Mass Storage Device

Remote Backup

Game Console   TV

Easy Streaming

DMA2501
Full HD Digital Media Streamer

Smartphone

Laptop

Tablet PC

5-100-00612010   07/12