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ZYXEL NAS326

Zyxel NAS326 Personal Cloud Storage User Manual

Model: NAS326

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1. INTRODUCTION

The Zyxel NAS326 is a 2-bay personal cloud storage device designed for home use, offering remote access and media streaming capabilities. It allows users to easily back up photos, view and share your videos and photos, grant remote access to friends and family, and stream media to various smart devices. The NAS326 features a high-performance processor for efficient data transfer, supporting up to 105 MB/sec reading and 105 MB/sec writing speeds, ensuring smooth UHD 4K video streaming and quick data retrieval.



Figure 1.1: Front and side view of the Zyxel NAS326 Personal Cloud Storage device.

2. SETUP

2.1. Hard Drive Installation

The NAS326 supports up to two 6TB hard drives (not included). Follow these steps to install the hard drives:

1. Gently remove the front cover of the NAS device.
2. Pull out the empty hard drive trays.
3. Mount your 3.5-inch or 2.5-inch SATA hard drives onto the trays using the provided screws. Ensure the connectors align correctly.
4. Slide the populated trays back into the NAS bays until they click into place.
5. Replace the front cover securely.



Figure 2.1: Zyxel NAS326 with the front cover removed, revealing the hard drive bays.



Figure 2.2: Front view of the Zyxel NAS326, highlighting the accessible drive bays for installation.

2.2. Connecting Cables

After installing the hard drives, connect the necessary cables:

1. Connect the power adapter to the DC 12V input port on the rear of the NAS and then plug it into a power outlet.
2. Connect one end of the Ethernet cable to the LAN port on the rear of the NAS and the other end to your router or network switch.
3. (Optional) Connect USB devices to the available USB 3.0 ports on the rear for external storage or other peripherals.



Figure 2.3: Rear view of the Zyxel NAS326, indicating the power input, LAN port, and USB 3.0 ports.

Once all connections are made, press the power button on the front of the device to turn it on. The system will initialize, and you can then proceed with network configuration and software setup via your computer or mobile device.

3. OPERATING INSTRUCTIONS

3.1. User Interface and Basic Operation

The Zyxel NAS326 features an intuitive web-based user interface for easy management. Access the interface through your web browser by entering the NAS's IP address or hostname. From the dashboard, you can monitor system status, manage storage, configure network settings, and access various applications.



Figure 3.1: Screenshot illustrating the easy-to-use web interface of the Zyxel NAS, displaying system status and control panel options.

3.2. Remote Access with ZyXEL Drive

The ZyXEL Drive mobile app allows you to access your personal cloud storage anytime, anywhere. You can easily backup your photos, view and share your videos and photos, and even allow friends and family remote access to their own storage space on your NAS.

Eazy remote access - ZyXEL Drive



Figure 3.2: Diagram demonstrating how the ZyXEL Drive app facilitates easy remote access to your NAS from mobile devices, enabling sharing between users.

3.3. Shared Cloud Space

The NAS326 enables you to create a shared cloud space, allowing multiple users to access and collaborate on files securely. This feature is ideal for families or small teams to centralize data and share it across different locations.



Figure 3.3: Diagram depicting the shared cloud space functionality, emphasizing global access and collaboration capabilities.

3.4. Media Streaming with ZyXEL zCloud App

With the ZyXEL zCloud app, you can stream multimedia content directly from your NAS326 to various devices, including

Smart TVs, Apple TV, Roku, Chromecast, and Amazon Fire TV. Enjoy your movies, music, and photos on the big screen without performance stutter.



Figure 3.4: Diagram illustrating the media streaming capabilities of the NAS326 using the ZyXEL zCloud app, enabling content playback on Smart TVs and other streaming devices.

4. MAINTENANCE

- **Regular Backups:** While the NAS provides data redundancy (e.g., RAID 1), it is crucial to perform regular backups of critical data to an external drive or another cloud service.
- **Firmware Updates:** Periodically check for and install the latest firmware updates from the Zyxel website to ensure optimal performance, security, and access to new features.
- **Cleaning:** Keep the device clean and free from dust. Use a soft, dry cloth to wipe the exterior. Ensure ventilation openings are not blocked to prevent overheating.
- **Proper Shutdown:** Always shut down the NAS properly through the web interface or by pressing the power button briefly (if configured for graceful shutdown) before disconnecting power or moving the device.
- **Hard Drive Health:** Monitor the health of your hard drives through the NAS management interface. Replace drives showing signs of failure promptly.

5. TROUBLESHOOTING

5.1. Common Issues and Solutions

Issue	Possible Cause	Solution
NAS not powering on	Power cable loose or power adapter faulty.	Check power connections. Ensure the power outlet is functional. Try a different power adapter if available.
Cannot access NAS via network	Network cable disconnected, incorrect IP address, or network configuration issue.	Verify Ethernet cable connection. Check router settings. Use the Zyxel utility to find the NAS on the network. Restart the NAS and router.
Hard drive not detected	Drive not properly seated or faulty drive.	Ensure hard drive is correctly installed in the tray and the tray is fully inserted. Test the drive in another device if possible.
Slow data transfer speeds	Network congestion, old network cables, or drive performance issues.	Use Cat5e or Cat6 Ethernet cables. Ensure your network is not overloaded. Check hard drive health in the NAS interface.

For more detailed troubleshooting, refer to the comprehensive user manual available on the Zyxel support website or contact Zyxel technical support.

6. SPECIFICATIONS

Feature	Detail
Brand	ZYXEL
Model Number	NAS326
Hard Drive Support	Max Supported 6TB x 2 (No HDD included)
USB Ports	2 x USB 3.0 Ports
Item Weight	2.77 pounds (1.26 kg)
Product Dimensions (LxWxH)	8.15 x 4.84 x 6.46 inches (20.7 x 12.3 x 16.4 cm)
Material	Metal
Compatible Devices	Server, Laptop, Desktop
Mounting Type	Tabletop
RAID Performance	RAID 1 read/write performance at 105/105.8 MB/s

7. WARRANTY & SUPPORT

7.1. Warranty Information

Zyxel products typically come with a limited manufacturer's warranty. For specific warranty terms and conditions applicable to your NAS326, please refer to the warranty card included in your product packaging or visit the official Zyxel website's support section. Keep your proof of purchase for warranty claims.

7.2. Technical Support

Should you encounter any issues or require assistance with your Zyxel NAS326, please utilize the following support resources:

- **Online Knowledge Base:** Visit the Zyxel support website for FAQs, troubleshooting guides, and product documentation.
- **Downloads:** Access the latest firmware, utilities, and drivers for your device.
- **Contact Support:** If you cannot resolve the issue using online resources, contact Zyxel technical support directly via phone or email. Contact details are usually available on their official website.

For the most up-to-date support information, please visit the official Zyxel website: www.zyxel.com/us/en/support