NETGEAR WNR2000

NETGEAR Wireless-N Router WNR2000 User Manual

Model: WNR2000

Product Overview

The NETGEAR Wireless-N Router WNR2000 is designed to provide reliable wireless connectivity for your home or small office network. This desktop router supports 802.11b/g/n (draft 2.0) standards, offering fast wireless speeds for browsing, streaming, and online gaming. It is compatible with multiple voltage inputs (100-240V), ensuring broad usability.



Image: Front view of the NETGEAR Wireless-N Router WNR2000. The router is black with a textured, perforated design on its sides for

ventilation. The front panel features the NETGEAR logo at the top and several indicator lights and buttons below it, including power, internet, wireless, and WPS. It stands on a small, flat black base.

Setup Guide

Follow these steps to set up your NETGEAR Wireless-N Router WNR2000:

1. **Unpack the Router:** Carefully remove the router and all accessories from the packaging. Ensure you have the router, power adapter, and an Ethernet cable.
2. **Position the Router:** Place the router in a central location in your home or office, away from obstructions and sources of interference like cordless phones or microwaves.
3. **Connect to Power:** Connect the power adapter to the router's power port and then plug it into an electrical outlet. Wait for the power indicator light on the router to become stable.
4. **Connect to Modem:** Connect one end of the Ethernet cable to the Internet (WAN) port on the router (usually yellow) and the other end to an Ethernet port on your modem.
5. **Connect a Computer (Optional for Setup):** For initial setup, it is recommended to connect a computer directly to one of the router's LAN ports (usually numbered 1-4) using another Ethernet cable. Alternatively, you can connect wirelessly using the default Wi-Fi network name (SSID) and password found on the router's label.
6. **Access Setup Wizard:** Open a web browser on the connected computer. The router's setup wizard should automatically launch. If not, type `routerlogin.net` or `192.168.1.1` into the browser's address bar and press Enter. Follow the on-screen instructions to configure your internet connection and wireless settings.

Operating Instructions

Once your router is set up, you can connect your devices and manage your network.

Connecting Devices:

- **Wired Connection:** For devices requiring a stable, high-speed connection (e.g., desktop computers, gaming consoles), connect an Ethernet cable from the device to any of the available LAN ports (1-4) on the router.
- **Wireless Connection:**
    a. On your wireless device (laptop, smartphone, tablet), search for available Wi-Fi networks.
    b. Select the network name (SSID) you configured during setup (or the default one if you haven't changed it).
    c. Enter the wireless password (security key) when prompted.
    d. Your device should now be connected to the wireless network.
- **WPS (Wi-Fi Protected Setup):** For devices supporting WPS, press the WPS button on your router and then activate WPS on your device within two minutes to establish a secure wireless connection without entering the password.

Managing Your Network:

You can access the router's web interface by typing `routerlogin.net` or `192.168.1.1` into your web browser. Use the username (default: *admin*) and password (default: *password*) you set up to log in. From here, you can:

- Change Wi-Fi network name and password.
- Set up guest networks.
- Configure parental controls.
- Update firmware.
- View connected devices.

Maintenance

Regular maintenance helps ensure optimal performance and longevity of your router:

- **Firmware Updates:** Periodically check for and install firmware updates from the NETGEAR support website or through the router's web interface. Firmware updates often include performance improvements, security patches, and new features.
- **Cleaning:** Keep the router clean and free of dust. Use a soft, dry cloth to wipe the exterior. Ensure ventilation holes are not blocked.
- **Placement:** Avoid placing the router in enclosed spaces, near heat sources, or in direct sunlight. Optimal placement is in an open area, centrally located, and elevated if possible, to maximize Wi-Fi coverage.
- **Restarting:** If you experience slow speeds or connectivity issues, try restarting your router by unplugging the power adapter for 10 seconds and then plugging it back in.

Troubleshooting

Here are solutions to common issues you might encounter:

Problem	Solution
No Internet Connection	• Check if your modem is working correctly. • Ensure all cables are securely connected to the router and modem. • Restart both the modem and the router. • Verify your Internet Service Provider (ISP) settings in the router's web interface.
Cannot Connect to Wi-Fi	• Ensure the wireless light on the router is on. • Double-check the Wi-Fi network name (SSID) and password. • Move closer to the router to improve signal strength. • Restart your wireless device and the router.
Slow Wireless Speed	• Reduce interference by moving the router away from other electronics. • Ensure your router's firmware is up to date. • Check for too many devices connected to the network. • Consider changing the wireless channel in the router settings.
Forgot Router Login Password	• Perform a factory reset on the router. This will revert all settings to default, including the login password (usually *admin/password*). Refer to the router's manual for reset instructions (often involves pressing a small button for 10 seconds).

Technical Specifications

Feature	Detail
Model Name	WNR2000
Wireless Communication Standard	802.11b, 802.11g, 802.11n (draft 2.0)

Feature	Detail
Frequency Band Class	Single-Band (2.4 GHz)
Connectivity Technology	Wireless, Ethernet
Ports	1 WAN (Internet) port, 4 LAN (Ethernet) ports
Input Voltage	100-240V
Special Feature	WPS (Wi-Fi Protected Setup)
Color	Black
Item Weight	1.05 pounds (approx. 0.48 kg)
Dimensions	10.2 x 9.1 x 2.6 inches (approx. 25.9 x 23.1 x 6.6 cm)

Warranty and Customer Support

NETGEAR products are designed for reliability and performance. For specific warranty information, please refer to the warranty card included with your product or visit the official NETGEAR support website. Warranty periods may vary by region and product type.

If you encounter any issues or require technical assistance, please contact NETGEAR customer support. You can typically find support resources, including FAQs, troubleshooting guides, and contact information, on the official NETGEAR support website:

Visit NETGEAR Support

Please have your product model number (WNR2000) and serial number ready when contacting support.

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Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. Privacy details.

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question