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› NETGEAR RangeMax Wireless Router WNR1000-100NAS User Manual

NETGEAR WNR1000-100NAS

NETGEAR RangeMax Wireless Router WNR1000-100NAS User Manual

Model: WNR1000-100NAS

INTRODUCTION

This manual provides instructions for the installation, configuration, and maintenance of your NETGEAR RangeMax Wireless Router, model WNR1000-100NAS. This device is designed to provide wireless network connectivity, offering improved range compared to older Wireless-G routers. It supports Wireless-N devices for enhanced performance, enabling activities such as internet browsing, email, music streaming, online gaming, and internet phone calls.

WHAT'S IN THE BOX

Verify that all items are present in your package:

- NETGEAR RangeMax Wireless Router (WNR1000-100NAS)
- Router Stand
- Ethernet Cable
- Power Adapter
- Setup CD (may not be included in all packages, refer to online resources for digital setup guide)
- Owner's Manual (this document)



Image: The retail box for the NETGEAR RangeMax Wireless Router WNR1000-100NAS, showing the router and its key features.

SETUP INSTRUCTIONS

Follow these steps to set up your wireless router:

1. **Positioning the Router:** Place the router in a central location within your home or office for optimal wireless coverage. Avoid placing it near large metal objects, concrete walls, or other electronic devices that may cause interference. The router can be placed horizontally or vertically using the included stand.





Image: The NETGEAR WNR1000-100NAS router shown vertically in its stand, highlighting its compact design.

- 2. Connect to Modem:** Connect one end of the provided Ethernet cable to the yellow Internet port on the back of the router. Connect the other end to your modem's Ethernet port.



Image: Rear view of the NETGEAR WNR1000-100NAS router, displaying the power input, four yellow LAN ports, and one blue WAN/Internet port.

3. **Power On:** Connect the power adapter to the router's power input and then plug it into an electrical outlet. Wait for the power LED on the front of the router to turn solid green.



Image: Front view of the NETGEAR WNR1000-100NAS router, showing the power, internet, wireless, and LAN port indicator lights.

4. **Connect a Computer:** For initial setup, connect a computer to one of the router's LAN ports (numbered 1-4) using an Ethernet cable. Alternatively, you can connect wirelessly using the default Wi-Fi network name (SSID) and password found on the router's label.
5. **Access Router Settings:** Open a web browser on the connected computer and navigate to www.routerlogin.net or 192.168.1.1. Log in using the default username (admin) and password (password), then follow the on-screen instructions to configure your internet connection and wireless settings. It is recommended to change the default login credentials for security.

OPERATING INSTRUCTIONS

Wireless Connectivity

The WNR1000-100NAS router provides a wireless network for your devices. Ensure your devices (smartphones, tablets, computers) have 802.11 b/g/n 2.4 GHz wireless adapters.

- **Connecting Devices:** Search for available Wi-Fi networks on your device. Select your router's network name (SSID) and enter the network password (security key).
- **Wireless Security:** The router supports WPA/WPA2 wireless security protocols. It is crucial to use a strong, unique password for your wireless network to prevent unauthorized access.
- **Push 'N' Connect (WPS):** For compatible devices, you can securely connect to the wireless network by pressing the 'Push 'N' Connect' (WPS) button on the router and then activating WPS on your device within two minutes.
- **Guest Network Access:** The router allows you to set up a separate and secure network for guests, keeping your main network private.
- **Scheduled Wi-Fi On/Off:** You can program specific times for the Wi-Fi to turn on or off, which can

help conserve power and manage network access.

Parental Controls

Utilize Live Parental Controls to manage and filter internet content for safer web surfing on all connected devices. Access these settings through the router's web interface.

MAINTENANCE

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

- **Firmware Updates:** Periodically check the NETGEAR support website for firmware updates. Updating the firmware can improve performance, add new features, and fix security vulnerabilities.
- **Physical Cleaning:** Keep the router free from dust. Use a soft, dry cloth to clean the exterior. Ensure ventilation openings are not blocked.
- **Restarting the Router:** If you experience network issues, try restarting the router by unplugging the power adapter, waiting 10 seconds, and then plugging it back in.
- **Secure Placement:** Ensure the router is placed in a secure location where it is not prone to accidental damage or overheating.

TROUBLESHOOTING

If you encounter issues with your NETGEAR RangeMax Wireless Router, refer to the following common troubleshooting steps:

- **No Internet Connection:**
 - Check all cable connections between the modem, router, and computer.
 - Restart your modem and then your router. Wait for both devices to fully boot up.
 - Verify that your Internet Service Provider (ISP) is not experiencing an outage.
 - Access the router's web interface (www.routerlogin.net) to check the internet connection status.
- **Poor Wireless Signal or Speed:**
 - Relocate the router to a more central position, away from obstructions and interference sources (e.g., cordless phones, microwaves).
 - Ensure your wireless devices are within the router's effective range.
 - Check for conflicting Wi-Fi channels in your area using a Wi-Fi analyzer app and change your router's channel if necessary.
 - Ensure your device's wireless adapter drivers are up to date.
- **Cannot Access Router Settings:**
 - Ensure your computer is connected to the router (either via Ethernet or Wi-Fi).
 - Verify you are using the correct IP address (192.168.1.1) or domain (www.routerlogin.net).
 - Clear your browser's cache and cookies, or try a different browser.
 - If you forgot your password, you may need to perform a factory reset (see below).
- **Factory Reset:** If all else fails, you can restore the router to its factory default settings. Locate the small reset button (often recessed) on the back or bottom of the router. With the router powered on, use a paperclip to press and hold the reset button for about 7-10 seconds until the power light blinks. Release the button and wait for the router to restart. **Warning:** A factory reset will erase all your custom settings, including Wi-Fi name and password. You will need to reconfigure the router from scratch.

SPECIFICATIONS

Brand	NETGEAR
Model Name	WNR1000
Model Number	WNR1000-100NAS
Wireless Communication Standard	802.11g, 802.11n (Wi-Fi 4)
Frequency Band Class	Single-Band (2.4 GHz)
Data Transfer Rate	Up to 150 Megabits Per Second
LAN Port Bandwidth	100 Mbps
Number of Ports	4 (Ethernet LAN)
Connectivity Technology	Ethernet, Wi-Fi
Security Protocol	WPA-PSK, WPA2-PSK
Special Feature	WPS (Wi-Fi Protected Setup)
Number of Antennas	2 (internal or external, depending on specific variant)
Coverage	Small to medium homes
Compatible Devices	Smartphone, Tablet, Computers with 802.11 b/g/n wireless or Ethernet
Operating System Requirements	Microsoft Windows 7, 8, Vista, XP, 2000, Mac OS, UNIX, or Linux
Browser Requirements	Microsoft Internet Explorer 5.0, Firefox 2.0 or Safari 1.4 or higher
Is Modem Compatible	No (This is a router ONLY. Modem not included.)
Item Weight	2.4 ounces

WARRANTY AND SUPPORT

Warranty Information

The NETGEAR RangeMax Wireless Router WNR1000-100NAS comes with a **1 Year Limited Warranty**. Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the official NETGEAR website or the documentation included with your product.

Technical Support

For additional support, troubleshooting guides, firmware downloads, and frequently asked questions, please visit the official NETGEAR support website. You can also contact NETGEAR customer service for assistance.

NETGEAR Genie Home Network Manager: This application can assist with easy installation and home network management. It is available for various platforms.

