



Performance & Use

N450

- N450 WiFi speed—3x faster than competing N450 routers†



- Faster streaming & Internet gaming
- NETGEAR® genie® App—Home networking simplified

RANGE



The NETGEAR Difference - WNR2500

- Power Boost antennas for better range
- NETGEAR® genie®
- Live Parental Controls

Overview

The NETGEAR N450 Wireless Router (WNR2500) offers WiFi speeds up to 3x faster than competing N450 routers. This router delivers high-performance wireless speeds for faster downloads, Internet gaming and HD streaming. The WNR2500 includes advanced features such as Power Boost antennas for better range, Live Parental Controls for safer web surfing on connected devices, and NETGEAR genie® home network manager for easy installation and home network management.



NETGEAR genie® Home Networking Simplified

- Home network manager
- Turbo Transfer—share files within your home network between PC, Mac or Android
- Makes any printer AirPrint® compatible to print from an iPad® or iPhone®
- MyMedia™—Find & play media files in your network
- EZ Mobile connect—Scan QR code to connect to your home network
- For PC, Mac®, iPhone®, iPad®, & Android™ devices



Speed

Get the speed you need and faster connections! With N450 WiFi you'll enjoy a better Internet experience on all your WiFi devices.

Better WiFi Speed



N450 WiFi—Faster downloads, Internet gaming, & HD streaming

WiFi Range

Homes come in all shapes and sizes. The NETGEAR N450 Wireless Router provides better WiFi connectivity throughout your home for all your Internet-enabled devices.

Better WiFi Range



RANGE—For medium to large homes



WiFi COVERAGE—Power Boost 5dBi omni-directional antennas for better WiFi coverage

Reliable Connections

Stay connected—with your devices, your media, and your friends. The advanced QoS technology provides higher priority for media streaming application for smoother HD video streaming and low-latency online gaming.

Enjoy better connectivity throughout your home



ADVANCED QoS—Optimized for smooth HD streaming & gaming

Sharing

Relive memories and share them with others. Enjoy photos, videos and music stored on a shared USB hard drive. If it's secure and shared storage access you want, NETGEAR has easy ways to do it.

Share & stream your movies, music, photos



WIRELESS-N—Email, chat, surf, music, video

Ease Of Use

Start enjoying your new devices faster than ever. NETGEAR wants to make sure installation and network management is simple and easy, so you can connect quickly and stay that way!

Simple network management



EASY INSTALL—Easy setup for iPad®, tablets, smartphones & computers



NETGEAR GENIE® APP—Personal dashboard to monitor, control & repair your home network



PUSH 'N' CONNECT—Easy push button WiFi connections (WPS)



WIFI & POWER ON/OFF—Convenient power savings

Security

Maintain the highest security across your network to ensure your privacy and family is safe while online. Whether it's preventing phishing and spyware or just limiting access for kids and guests, NETGEAR has you covered.

Safeguard your network



PARENTAL CONTROLS—Safer web surfing for all your connected devices



GUEST NETWORK ACCESS—Separate & secure access for guests



SECURE WIFI CONNECTIONS—Highest level wireless security with WPA/WPA2

Applications

Access to the Internet is a crucial part of your day and you need to make sure your router can support all you do. With N450 WiFi you'll experience better connections for your needs.

Ideal Uses

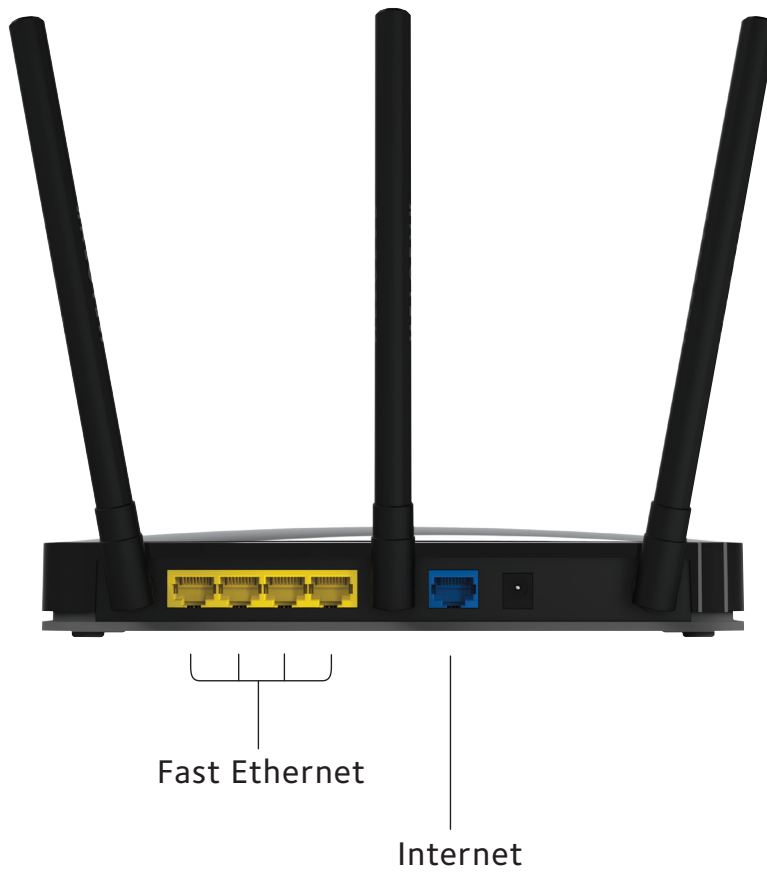


EMAIL, CHAT, SURF, MUSIC, VIDEO—Enjoy a fast, reliable and secure wireless connection to the Internet



ONLINE GAMING—Optimized for multi-player gaming with no lags

Connection Diagram



PACKAGE CONTENTS

- N450 Wireless Router (WNR2500)
- Ethernet cable
- Power adapter
- Quick install guide

PHYSICAL SPECIFICATIONS

- Dimensions: 8.57 x 5.81 x 1.37 in (217.74 x 147.73 x 34.92 mm)
- Weight: 0.91 lb (0.41 kg)

WARRANTY

- Warranty localized to country of sale

SUPPORT

- 24/7 basic technical phone support for 90 days from date of purchase

TECHNICAL SPECIFICATIONS

- Wi-Fi transmitters/receivers (Tx/Rx)—3x3 (2.4 GHz)
- External antenna—5dBi omni-directional
- Supports Wireless Multimedia (WMM) based QoS
- IPv6 Support (Internet Protocol Version 6)

STANDARDS

- IEEE 802.11 b/g/n 2.4 GHz
- Five (5) 10/100 (1 WAN and 4 LAN) Fast Ethernet ports with auto-sensing technology

SYSTEM REQUIREMENTS

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 802.11 b/g/n 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer
- Microsoft® Windows® 7, 8, 8.1, Vista®, XP, 2000, Mac® OS, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0 or Safari® 1.4 or higher

SECURITY

- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention
- DMZ for secure gaming



This product is packaged with a limited warranty, the acceptance of which is a condition of sale. This product has been tested for quality assurance and it or its components may have been recycled.

*24/7 basic technical phone support provided for 90 days from purchase date.

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, interference, and building construction may lower actual data throughput and wireless coverage. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards. 802.11n 450 Mbps is approximately 3x faster than 802.11n 150 Mbps.

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