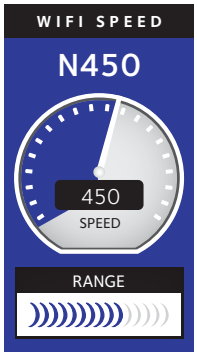
NETGEAR®

N450 WiFi Cable Modem Router

Data Sheet

N450-100

Performance & Use



- Built-in DOCSIS® 3.0 cable modem
- N450—450 Mbps†
- Cable Internet speeds up to 340 Mbps‡—8 downstream & 4 upstream channels
- Eliminate monthly rental fees
- CableLabs® DOCSIS® 3.0 Certified to work with U.S. cable Internet providers like XFINITY®, Time Warner Cable®, Cox, Cablevision & more

xfinity® Time Warner Cable®

Overview

The NETGEAR N450 WiFi Cable Modem Router with 802.11n Gigabit provides a high-speed cable Internet connection. It is CableLabs® certified and with DOCSIS® 3.0 is 8 times faster than 2.0. Four Gigabit Ethernet ports make it ideal for HD video streaming and online gaming.

The NETGEAR Difference - N450

- Cost effective—Eliminate monthly rental fees up to $120 per year[1]
- Two-in-one—Cable modem plus N450 WiFi router
- Supports 8 download & 4 upload channels for efficient & reliable Internet access
- Two USB ports—Easily access and share USB hard drive
- Fast self-activation for XFINITY customers—Get connected without a service call

High-speed Cable Internet Access

- Up to 340 Mbps‡ download speed for streaming HD videos, faster downloads, and high-speed online gaming
- CableLabs® DOCSIS® 3.0 Certified to work with US cable Internet providers like XFINITY®, Time Warner Cable®, Cox, Cablevision & more
- Built-in Docsis 3.0 modem—8 times faster than Docsis 2.0
- Saves money over time—No monthly equipment charges from your Internet service provider
- Gigabit Ethernet ports—Fastest wired speeds to connect your router, computer and other devices

[1]Based on a typical monthly equipment rental fee of $10 per month.

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Speed

With the DOCSIS 3.0 platform, you're finally geared up for the latest, fastest speeds cable providers are bringing to the home. Combined with outstanding WiFi range and performance, the 2-in-1 N450 Cable Modem takes your connected home to the next high-speed level, providing smooth HD streaming, uninterrupted online gaming, and fast, reliable internet for all the devices in your home.

Better WiFi speed

- FASTER WIFI—Up to 450 Mbps†
- DOCSIS 3.0—Up to 8x faster cable Internet speeds than 2.0
- CHANNEL BONDING—Fastest Cable Internet speeds during peak hours
- GIGABIT WIRED—Ideal for HD gaming & video

WiFi Range

Upstairs, downstairs, in the kitchen, in the office, even in the garage. At NETGEAR, we know you want and need great WiFi in every room of the house. The N450 Cable Modem Router delivers—with enhanced range powerful enough for medium to large homes.

Better WiFi range

- RANGE—For medium to large homes

Sharing

Easily add USB hard drives via a USB port and then wirelessly access them. With the N450 WiFi Cable Modem Router, sharing across your network is quick, easy, and perfectly designed for your media-rich world.

Share & stream your movies, music, photos

- WIRELESS-N—Email, chat, surf, music, video
- USB ACCESS—Wirelessly access & share USB hard drives via USB ports
- DLNA®—Find & play your media on DLNA TVs & game consoles

Ease of Use

Out of the box, the N450 sets up in minutes. Connect a few cables, plug it in, and make a few clicks to connect WiFi devices. It's that easy, that fast. And management of your network is just as simple, whether it's sharing media, accessing hard drive, or setting up guest access.

Simple network management

- EASY INSTALL—Easy setup for iPad®, tablets, smartphones and computers
- WIFI AND POWER ON/OFF—Convenient power savings
- PUSH "N" CONNECT—Easy push button WiFi connections (WPS)

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Security

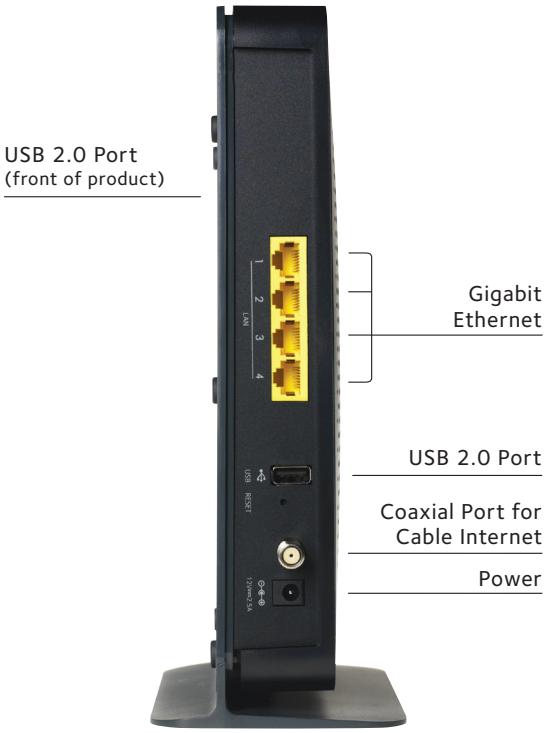
Your home network is no one else's business. And NETGEAR keeps it that way with high-level security features to prevent phishing & spyware.

Safeguard your network

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

ISP Works with cable Internet providers like Cablevision, Cox, Time Warner Cable®, XFINITY® & more (not compatible with cable bundled voice services). Please check your cable Internet service provider web site for data speed tier compatibility.

Connection Diagram



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Package Contents

- N450 WiFi Cable Modem Router
- Ethernet cable
- Quick install guide
- Power adapter

Physical Specifications

- Dimensions: 10.21 x 6.5 x 3.65 in (259 x 165 x 93 mm)
- Weight: 1.3 lb (0.59 kg)

Warranty

- Warranty localized to country of sale

Security

- Wi-Fi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-Service (DoS) attack prevention
- Push 'n' Connect—Easy push button WiFi connections (WPS)

Technical Specifications

- Built-in high-speed 8x4 CableLabs® certified DOCSIS® 3.0 Modem
- Channel Bonding enables up to 340 Mbps‡ download speed
- N450 WiFi Transmitters/Receivers (Tx/Rx) - 3x3 (2.4GHz)
- IPv6 support (Internet Protocol Version 6)

System Requirements

- Cable broadband Internet service
- Please check your cable Internet service provider web site for data speed tier compatibility
- Microsoft® Windows® 7, 8, Vista®, XP, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher
- Use with an N900 adapter like NETGEAR WNDA4100 for maximum performance

Standards

- Two (2) USB 2.0 ports
- One (1) coaxial port for cable Internet
- IEEE® 802.11 b/g/n 2.4 GHz
- Four (4) 10/100/1000 LAN Gigabit Ethernet ports with auto-sensing technology

This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

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

†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, building materials and construction, and network overhead, lower actual data throughput rate and wireless coverage.

‡Maximum rate is derived from DOCSIS® 3.0 specifications and actual throughput will vary depending on the MSO provisioning and speed tier subscription. Check your cable Internet service provider web site for data speed tier compatibility.

Customer-owned modems may not be compatible with certain cable networks. Please check with your cable provider to confirm this NETGEAR modem is allowed on your cable network. This product not compatible with Cable bundled voice services.

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