



### Performance & Use

**N900**



**RANGE**  
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- Faster WiFi speed 450+450 – Up to 900 Mbps†
- Improves WiFi range for large homes
- Wirelessly access & share USB hard drive & printer
- IPv6 Compatible—Future-proof your network

### The NETGEAR Difference - WNDR4300

- Apple Time Machine® compatible
- Expand TiVo® Storage to shared USB drive
- ReadySHARE Printer

### Overview

The NETGEAR N900 WiFi Dual Band Gigabit Router—Premium Edition (WNDR4500) provides up to 450+450 Mbps speed and with simultaneous dual-band technology avoids interference ensuring top WiFi speeds and reliable connections. It supports a wide range of features and applications such as ReadySHARE® Printer and is Time Machine® compatible to create a powerful home network for applications such as streaming 3DHD video and multi-player gaming. Improved wireless range delivers better connections for larger homes and multiple devices, while four Gigabit Ethernet ports offer ultra-fast wired connections. Two USB ports enable faster USB access speeds for wireless connections to external hard drives and printers.



### 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

Speed makes video streaming better. Speed makes online gaming more fun. Speed makes all your devices really go. And anyplace you need speed, with NETGEAR you got it. Fast download speeds up to 900 Mbps. WiFi with dual band technology providing whole home coverage. Everything you need for a fast connected home.

#### Best WiFi Speed



FASTER WIFI—Up to 450+450 Mbps<sup>†</sup>



GIGABIT WIRED—Ideal for HD gaming & video

### WiFi Range

Homes come in all shapes and sizes. The NETGEAR N900 WiFi Dual Band Gigabit Router provides WiFi connectivity throughout your home for all your Internet enabled devices.

#### Best WiFi Range



RANGE—Wireless coverage for larger homes

### Sharing

Relive memories and share them with others. Find photos, videos and music stored on a shared USB hard drive and enjoy them on your DLNA TV right from your couch. If it's secure and shared storage access you want NETGEAR has easy ways to do it.

#### Share & stream your movies, music, photos



DLNA®—Find & play your media on DLNA TVs & game consoles



READYSHARE® USB ACCESS—Wirelessly access & share USB hard drives via two (2) USB ports



READYSHARE® PRINTER—Wirelessly access & share a USB printer



TIME MACHINE® COMPATIBLE—Automatic Mac backup to connected USB hard drive, wirelessly

### Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous Dual Band WiFi provides two separate WiFi networks—2.4GHz for legacy devices and 5GHz which is less interference-prone for media streaming. The advanced QoS technology provides higher priority for media streaming application for smoother HD video streaming and low latency online gaming.

#### Enjoy high-performance connectivity throughout your home



SIMULTANEOUS DUAL BAND—Reduces interference for better connections to more WiFi devices



ADVANCED QoS—Optimized for smooth HD streaming & gaming

### Ease Of Use

NETGEAR makes it easy to do more with your digital devices. Manage your network with NETGEAR genie® App—a personal, icon-based dashboard that can control and monitor all your devices. Or, use Push 'N' Connect to add devices to your WiFi network with a push of a button. And the simple browser-based installation with no CD makes router installation easy using an iPad, tablet, smartphone, or computer.

#### 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

Keep your Internet browsing experience safe and secure with the free parental controls. It allows you to limit access to certain web sites at certain times. For example no social networking or gaming site access after dinner time. Guest networks create a completely separate WiFi network for your guests' devices so they do not have access to your home network or to the shared USB hard drive with all your personal data. Secure WiFi connections offer high level WPA/WPA2 security.

#### Safeguard your network



PARENTAL CONTROLS—Safer web surfing for all your connected devices



GUEST NETWORK ACCESS—Separate & secure access for guests



SECURE WiFi CONNECTIONS—High level wireless security with WPA/WPA2

### Applications

With the N900 WiFi Dual Band Gigabit Router—Premium Edition, create a powerful home network for applications such as streaming HD video and multi-player gaming, fast, reliable connection to the Internet and a secure wireless connection.

#### 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

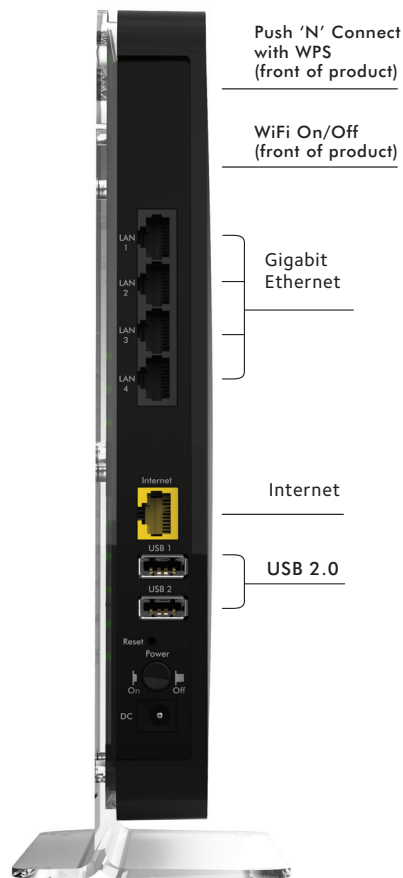


HD STREAMING—Enjoy high quality HD streaming



MULTIPLE HD STREAMING—Optimized for a smooth, lag-free multiple HD streaming experience

### Connection Diagram



### PACKAGE CONTENTS

- N900 WiFi Dual Band Gigabit Router—Premium Edition (WNDR4500v3)
- Ethernet cable
- Power adapter
- Quick Start Guide

### PHYSICAL SPECIFICATIONS

- Dimensions: 258 x 172.5 x 81 mm (10.15 x 6.79 x 3.18 in)
- Weight: 0.68 kg (1.5 lb)

### WARRANTY

- For details visit [www.netgear.com/about/warranty/](http://www.netgear.com/about/warranty/)

### SUPPORT

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

### TECHNICAL SPECIFICATIONS

- Memory: 128 MB flash and 128 MB RAM
- Advanced Quality of Service (QoS)
- IPv6 Support (Internet Protocol Version 6)

### STANDARDS

- Two (2) USB 2.0 ports
- IEEE® 802.11 b/g/n 2.4GHz
- IEEE® 802.11 a/n 5GHz
- Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit Ethernet ports with auto-sensing technology

### SYSTEM REQUIREMENTS

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 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
- Laptop with 3x3 450 Mbps adapter like Centrino® 6300/5300 for maximum performance
- Use with an N900 Wireless Dual Band USB Adapter (WNDA4100) for maximum performance

### SECURITY

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



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 purchase date.

† Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards.

The country settings must be set to the country where the device is operating. Intended for indoor use only in EU member states, EFTA states, and Switzerland.

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