

**NETGEAR**<sup>®</sup>  
Connect with Innovation™

## N900 Wireless Dual Band Gigabit Router

WNDR4500



Ultimate Performance

### FEATURES

The NETGEAR N900 Wireless Dual Band Gigabit Router delivers the ultimate in WiFi performance and range. Stay connected to the Internet with fast, reliable and secure wireless connections and create a powerful home network for applications, such as streaming 3DHD video and multi-player gaming.

New N900 wireless provides up to 450 + 450 Mbps speed and with simultaneous dual-band technology avoids interference ensuring top WiFi speeds and reliable connections. 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 connections to external hard drives and printers for wireless access and sharing with now even faster USB access speeds.

NETGEAR GENIE™ makes it easy to install from a iPad, tablet, computer or smartphone and also provides simple dashboard control to monitor and repair home networks.

#### SPEED



**FASTER WIFI SPEED 450+450**—Up to 900 Mbps†



**GIGABIT WIRED**—Ideal for HD gaming & video

#### WIFI RANGE



**ULTIMATE RANGE**—Improved for larger homes

#### RELIABLE CONNECTIONS



**SIMULTANEOUS DUAL BAND**—Runs both 2.4 and 5GHz bands concurrently. Reduces WiFi interference & doubles bandwidth

#### SECURITY



**PARENTAL CONTROLS**—Centralized Protection for all of your connected devices



**GUEST NETWORK ACCESS**—Separate & secure access for guests using the WiFi network

#### EASE OF USE



**NETGEAR GENIE™**—Easy dashboard to monitor, control & repair home networks



**CD-LESS**—Easy setup for iPads®, PC, MAC computers, smartphones & tablets



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



**WIFI & POWER ON/OFF**—Convenient power savings

#### SHARING



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



**ReadySHARE® USB**—Wirelessly access & share USB hard drives



**ReadySHARE® Printer**—Wirelessly access & share a USB printer

450 + 450  
ultimate WiFi speed

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WiFi boost—  
ultimate range

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Share USB printer  
and storage




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Easy dashboard control for  
home networks

**THE NETGEAR DIFFERENCE - WNDR4500**

- ✓ Ultimate Speed - Now up to 900 Mbps
- ✓ Ultimate Range - Improved 2.4 & 5 GHz range
- ✓ Faster USB Storage Speed

**APPLICATIONS**

-  3D & HD video streaming & multiplayer gaming
-  Wirelessly share, stream, & backup media to USB hard drives
-  Wirelessly print from computer to a connected USB printer

Product	Speed	Range	Surf, email, and chat	Wireless printing	Simultaneous downloads, voice, and music	Online gaming	Larger home or multiple floors	HD video streaming	Avoids interference	Faster USB Speeds	Greater 5GHz Range
Simple Sharing N150	Up to 150 Mbps†	Good	✓	✓							
Work and Play N300	Up to 300 Mbps†	Better	✓	✓	✓	✓					
High Performance N600	Up to 300 + 300 Mbps†	Best	✓	✓	✓	✓	✓	✓	✓		
<b>Ultimate Performance N900</b>	<b>Up to 450 + 450 Mbps†</b>	<b>Ultimate</b>	✓	✓	✓	✓	✓	✓	✓	✓	✓



**Simultaneous Dual Band**

WiFi on/off 

ReadySHARE® USB Storage Access 

ReadySHARE® Printer 

**GIGABIT WIRED** 

Cable/DSL modem 

Power 

Power on/off 

**NETGEAR Genie™**  
Easy CD-less installation for iPads®, tablets, smart-phones, and computers



Learn more at [netgear.com/ultimatewifi](http://netgear.com/ultimatewifi)

**Package Contents**

- N900 Wireless Dual Band Gigabit Router (WNDR4500)
- Ethernet cable
- Power adapter, localized to country of sale

**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 lbs)

**Standards**

- IEEE® 802.11 b/g/n 2.4 GHz
- IEEE 802.11 a/n 5.0 GHz
- Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit Ethernet ports with auto-sensing technology

**Warranty**

- Localized to country of sale

**System Requirements**

- Microsoft® Windows 7, 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 laptop with 3x3 450 Mbps adapter like Centrino® 6300/5300 for maximum performance

**Performance**

- WiFi Boost with high powered radio amplifiers
- Memory: 128 MB Flash and 128 MB RAM
- Advanced Quality of Service (QoS)
- IPv6 Support (Internet Protocol Version 6)

**Ease of Use**

- NETGEAR Genie™—Easy dashboard control to manage, monitor, and repair home networks
- Push 'N' Connect using Wi-Fi Protected Setup® (WPS)<sup>1</sup>

**Security**

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

**NETGEAR Green Features**

-  Power On/Off Button
-  80% Recycled Packaging
-  CEC (California Efficiency)
-  RoHS
-  WEEE
-  Wireless On/Off Button
-  Wireless Output Power Management
-  Port Auto Power Down
-  Cable Length Power Save



# NETGEAR®

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**24/7 TECHNICAL SUPPORT\***

\*Basic technical support free for 90 days only

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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 this product or its components may have been recycled.

\*Basic technical support provided for 90 days from date of purchase.

<sup>1</sup>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. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

<sup>1</sup>Works with devices supporting Wi-Fi Protected Setup® (WPS).

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