

**NETGEAR®**  
Connect with Innovation™

## N600 Wireless Dual Band Gigabit Router—**PREMIUM EDITION**

WNDR3800

### Premium Edition includes



### PRODUCT OVERVIEW

The NETGEAR N600 Wireless Dual Band Gigabit Router Premium Edition offers high performance wireless Internet access for demanding applications, such as streaming HD video and multiplayer gaming. It supports a wide range of new features and applications such as ReadySHARE® Cloud, ReadySHARE® Printer, Clear Channel Selector and much more. Simultaneous Dual band technology runs both 2.4 and 5 GHz bands at the same time, avoiding interference, ensuring top speeds and the greatest range, while Gigabit offers ultra-fast wired connections.

### USB SHARING

- **ReadySHARE® Cloud**†—Access and share files on an attached USB hard drive anywhere you have an Internet connection
- **ReadySHARE® Printer**—Wirelessly print from your Mac® Computer or PC to a connected USB printer
- **ReadySHARE® USB**—Wirelessly share a USB hard drive with Mac Computers and PCs
- **DLNA**—Stream media to DLNA® HDTVs, Blu-ray players and game consoles

### SECURITY

- **Live Parental Control**—Keeps your Internet experience safe using flexible and customizable filter settings
- **Guest network**—Separate and secure Internet access for guests
- **Business-class Wi-Fi security and firewall**—High-level wireless security for the home

### BEST CONNECTIONS

- **Clear Channel selector**—Dynamically avoids busy Wi-Fi channels for clear and fast wireless connections automatically
- **Simultaneous Dual Band**—Runs both 2.4 and 5 GHz bands concurrently, ensuring top speeds and the greatest range while minimizing interference
- **Fast wireless speeds**—Provides up to 300 Mbps† wireless speed for streaming HD videos, simultaneous downloads, and online gaming
- **Ultra-fast wired**—Four Gigabit Ethernet ports deliver ultra-fast wired connections
- **Automatic Quality-of-Service (QoS)**—Keeps Internet videos streaming by recognizing video streaming and gives them priority bandwidth
- **Fine-tuned antennas**—Provides best wireless range

### EASE OF USE

- **NETGEAR Genie™**—Easy dashboard control to manage, monitor, and repair home networks
- **Easy installation**—Simple browser-based setup for iPads®, smartphones and computers. No CD required.

High Performance

## CHOOSE THE ROUTER THAT'S RIGHT FOR YOU

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
Simple Sharing N150	Up to 150 Mbps <sup>1</sup>	Good	✓	✓					
Work and Play N300	Up to 300 Mbps <sup>1</sup>	Better	✓	✓	✓	✓			
<b>High Performance N600</b>	<b>Up to 300 + 300 Mbps<sup>1</sup></b>	<b>Best</b>	✓	✓	✓	✓	✓	✓	✓

Dynamically selects clear Wi-Fi channels

Access and share USB hard drive remotely<sup>†</sup>

Access USB printer wirelessly

Easy dashboard control for home networks

## THE NETGEAR DIFFERENCE - WNDR3800

- ✓ Clear Channel Selector
- ✓ ReadySHARE® Cloud<sup>†</sup>
- ✓ ReadySHARE® Printer
- ✓ ReadySHARE® USB Storage Access
- ✓ Video mode for better streaming
- ✓ Extend TiVo® Storage
- ✓ Simultaneous Dual Band
- ✓ DLNA media streaming
- ✓ NETGEAR Genie™

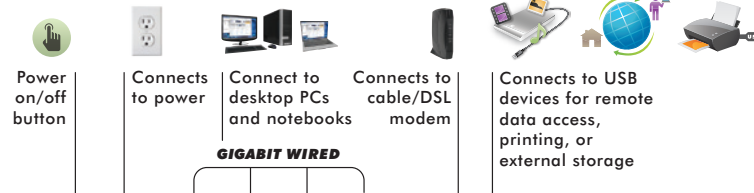
PREMIUM EDITION: Learn more at [www.netgear.com/WNDR3800](http://www.netgear.com/WNDR3800)

- ✓ Clear Channel Selector—Dynamically avoids busy Wi-Fi channels for clear and fast wireless connections automatically
- ✓ ReadySHARE® Cloud<sup>†</sup>—Access and share files on an attached USB hard drive anywhere you have an Internet connection
- ✓ Access your files on your smartphone or tablet anytime—iPhone® and Android apps available to download
- ✓ ReadySHARE® Printer—Wirelessly print from your Mac® Computer or PC to a connected USB printer
- ✓ NETGEAR Genie™—Easy dashboard control to manage, monitor, and repair home networks

<sup>†</sup>ReadySHARE Cloud Service is free until January 1, 2013 with purchase of WNDR3800 Router. Thereafter, annual fees or surcharges may apply.



Simultaneous Dual Band to connect PCs and home entertainment devices



## Package Contents

- N600 Wireless Dual Band Gigabit Router—**Premium Edition** (WNDR3800)
- Stand
- Ethernet cable
- Power adapter, localized to country of sale

## Physical Specifications

- Dimensions: 223 x 153 x 31 mm (8.8 x 6.0 x 1.2 in)
- Weight: 0.5 kg (1.2 lb)

## Standards

- IEEE® 802.11 b/g/n 2.4 GHz
- IEEE 802.11 a/n 5.0 GHz
- Five (5) (1 WAN and 4 LAN) Gigabit Ethernet ports with auto-sensing technology
- IPv6 supported (Internet Protocol Version 6)

## Warranty

- Localized to country of sale

## Advanced Features

- Clear Channel Selector—Dynamically avoids busy Wi-Fi channels for clear and fast wireless connections automatically
- ReadySHARE® Cloud<sup>†</sup>—Access and share files on an attached USB hard drive anywhere you have an Internet connection
- ReadySHARE® Printer—Wirelessly print from your Mac or PC to a connected USB printer
- ReadySHARE® USB—Wirelessly share a USB hard drive with Macs and PCs
- Live Parental Controls with flexible and customizable filter settings
- Simultaneous Dual Band—runs both 2.4 and 5 GHz bands concurrently
- Video mode—Dedicated wireless network for video streaming
- DLNA—Stream media to DLNA® HDTVs, Blu-ray™ players and game consoles
- Extend TiVo® Storage—Playback archived TiVo® recordings from attached USB Storage
- Broadband usage meter measures Internet usage
- Power and Wi-Fi on/off buttons

## System Requirements

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 or 5.0 GHz 802.11 a/b/g/n specification wireless adapter or an Ethernet adapter and cable for each computer
- Microsoft® Windows 7, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0 or Safari 1.4 or higher
- Use with an N600 Wireless Dual Band USB Adapter (WNDA3100) for maximum performance

**Performance**

- 680 MHz powerful MIPS 32-bit processor
- Memory: 16 MB flash and 128 MB RAM
- Five (5) (1 WAN, 4 LAN) Gigabit Ethernet ports
- Advanced Quality of Service (QoS)
- Supports Wireless Multimedia (WMM) based QoS






**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**

- Multiple SSID guest networks (separate security and access restrictions)
- Business-class Wi-Fi security and firewall—High-level wireless security for the home
- Wi-Fi Protected Access® (WPA/WPA2—PSK) and WEP
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention

**NETGEAR Green Features**

-  80% Recycled Packaging
-  CEC (California Efficiency)
-  RoHS
-  WEEE
-  Power On/Off Button
-  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>†</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>‡</sup>ReadySHARE Cloud Service is free until January 1, 2013 with purchase of WNDR3800 Router. Thereafter, annual fees or surcharges may apply.

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