



Push 'N' Connect

**Better connections using dual band Wireless-N**

- More wireless channels, less interference and better connections using dual band Wireless-N
- Enjoy faster downloads, high-quality media streaming, and better online gaming
- Highest Wi-Fi performance for today's internal Wireless-N notebooks and dual band adapters
- Simultaneously works with legacy Wireless-G devices and new 2.4 or 5 GHz Wireless-N
- Automatic Quality of Service (QoS) ensures reliable Internet, voice, video, and gaming applications

**Features**

- 8 internal smart antennas optimize signal strength and range
- Configurable as a wireless repeater for extending dual band range
- Simple "Push 'N' Connect" using Wi-Fi Protected Setup (WPS)
- Double firewall protection from external hacker attacks
- Built-in 4-port Ethernet LAN switch to connect multiple PCs or devices
- Easy setup with Smart Wizard® installation CD
- Automatically upgrades to the latest router firmware

Choose from a complete line of NETGEAR products that are designed to meet your needs

| Which is the Best Product for You?                   | Wireless-G | RangeMax Next Wireless-N | RangeMax Dual Band Wireless-N     |
|--|------------|--------------------------|-----------------------------------|
| Coverage <sup>1</sup>                                | 1x         | 10x                      | 10x<br><i>Avoids Interference</i> |
| Speed <sup>1</sup>                                   | 1x         | 15x                      | 15x                               |
| Avoids interference                                  | Good       | Better                   | Best                              |
| No. of antennas                                      | 2          | 3 internal               | 8 internal                        |
| No. of free channels                                 | 3          | 3                        | Up to 23                          |
| Surf the Internet, email and online chat             | ✓          | ✓                        | ✓                                 |
| Streaming music/radio                                | ✓          | ✓                        | ✓                                 |
| Multiple PCs wirelessly connecting to the Internet   |            | ✓                        | ✓                                 |
| Internet phone calls (VoIP)                          |            | ✓                        | ✓                                 |
| Heavy Internet usage                                 |            | ✓                        | ✓                                 |
| Larger homes and multiple rooms                      |            | ✓                        | ✓                                 |
| Multplayer gaming                                    |            | ✓                        | ✓                                 |
| Simultaneous downloads, voice, music, VoIP streaming |            | ✓                        | ✓                                 |
| Networked entertainment and streaming HD video       |            | ✓                        | ✓                                 |
| Networked or shared storage/ large file sharing      |            | ✓                        | ✓                                 |
| Multiple HD videos and lag-free network gaming       |            |                          | ✓                                 |

Maximum performance requires use with RangeMax Dual Band Wireless-N adapters

RangeMax Dual Band Wireless-N  
USB 2.0 Adapter (WNA3100)

Laptops with  
integrated Wireless-N

**SPEED**  
UP TO  
**15x**

**COVERAGE**  
UP TO  
**10x**

**Avoids Interference**

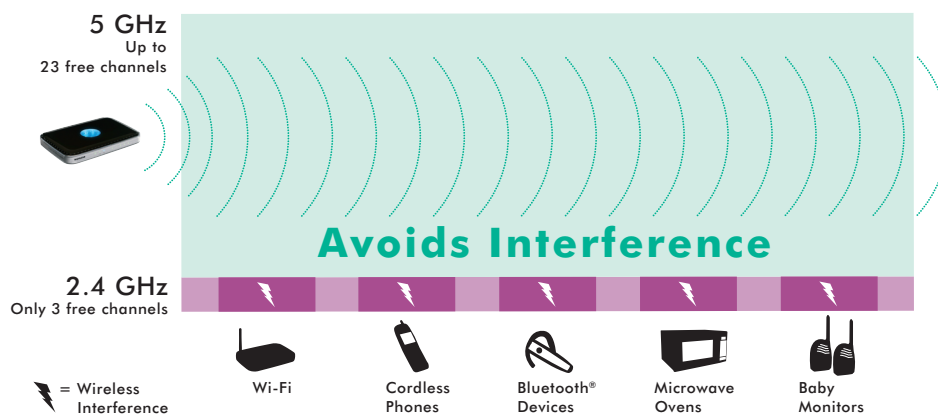
**8 Internal Smart Antennas Maximize Performance and Range**

**24/7**  
TECHNICAL SUPPORT\*

1-888-NETGEAR (638-4327)  
Email: info@NETGEAR.com



## 5 GHz band avoids interference from other devices



More free channels, less interference, better connections

### System Requirements

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 or 5.0 GHz 802.11n draft specification adapter or 2.4 or 5.0 GHz 802.11b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Microsoft® Windows® Vista™, XP, 2000, Me, Mac® OS, UNIX®, or Linux®
- Internet Explorer® 5.0 or Netscape® 4.7 or higher Supports Wireless Multimedia (WMM) based Quality of Service (QoS)
- We recommend using this product with the RangeMax NEXT Wireless-N Adapters (WN511B, WN311B, WN121T, WNDA3100)

### Standards

- IEEE 802.11n draft version 2.0
- IEEE 802.11n, IEEE 802.11g, IEEE 802.11b 2.4 GHz
- IEEE 802.11n, IEEE 802.11a 5.0 GHz

### Wireless Configurations

- Type 1: Full 2.4 GHz configuration supporting 802.11n/802.11g/802.11b
- Type 2: Duo 2.4 GHz and 5 GHz configuration supporting 802.11n/802.11a (5 GHz) and 802.11g/ 802.11b (2.4 GHz)

### 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)

### Ease of Use

- PSmart Wizard® simplifies setup by automatically detecting and configuring your router for virtually all ISP connections

### Security

- Double firewall:–Network Address Translation (NAT) to hide PCs and files from outside users–Stateful packet inspection (SPI) firewall to deny outside requests for personal information
- Denial-of-service (DoS) attack prevention
- Intrusion detection and prevention (IDS)
- Wi-Fi Protected Access (WPA2-PSK, WPA-PSK)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption
- Wireless access control to identify authorized wireless network devices
- Exposed host (DMZ) for secure gaming

### Privacy and Parental Control

- “Trusted user” control
- Time-based usage controls
- Web site logging
- Remote management
- URL content filtering

### Functions

- Auto FW detection algorithm
- QoS function

### Warranty

- NETGEAR 1-year Warranty (see information enclosed)

### Package Contents

- RangeMax Dual Band Wireless-N Router (WNDR3300)
- Stand
- Ethernet cable
- Setup CD
- 12V, 1.5A power adapter, localized to country of sale
- Warranty/support information card

# NETGEAR®

4500 Great America Parkway  
Santa Clara, CA 95054 USA  
1-888-NETGEAR (638-4327)  
E-mail: info@NETGEAR.com  
www.NETGEAR.com

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\*Free basic installation support provided for 90 days from date of purchase. Advanced product features and configurations are not included in free basic installation support; optional premium support available.

<sup>1</sup>Up to 15x more speed and 10x more coverage than Wireless-A. Maximum performance compared to Wireless-A, when used with related wireless adapters.

<sup>†</sup>Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

“N”, “Wireless-N” and “draft 802.11n” refer to compliance with IEEE 802.11n draft specification version 2.0 only.