



Push 'N' Connect

Better connections using Dual Band Wireless-N

- Dual band wireless networks deliver better connections with less interference
- Greater bandwidth for high-quality media streaming and better online gaming
- Push 'N' Connect securely connects devices at the touch of a button
- Automatic Quality of Service (QoS) for reliable Internet, voice and gaming applications
- For use with ADSL broadband (through the telephone line)

Features

- Eight (8) internal smart antennas optimize signal strength and range
- Push 'N' Connect using Wi-Fi Protected Setup™ (WPS) allows you to add computers to the network quickly and securely
- Automatically upgrades to the latest router firmware
- Easy setup with Smart Wizard® installation CD



NETGEAR Green

- Convenient on/off switch helps save energy when not in use
- Efficient Energy Star compliant power supply
- Packaging manufactured with at least 80% recycled materials

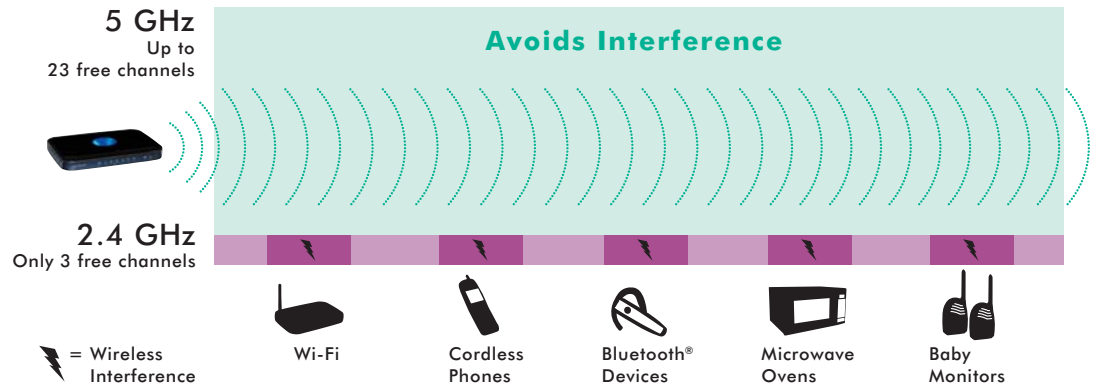
SPEED
UP TO
15x

COVERAGE
UP TO
10x




Avoids Interference

**Built-in
ADSL2+
Modem**

'Dual Band' delivers a better connection with more channels, avoiding interference from household devices



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

			
Which is the Best NETGEAR Product for You?	Wireless-G	RangeMax Wireless-N	RangeMax Dual Band Wireless-N Less Interference
Coverage†	1x	10x	10x
Speed†	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)	Good	Better	Best
Larger homes and multiple rooms		✓	✓
Multiplayer 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			✓

Use with a RangeMax Dual Band Wireless-N Adapter for Maximum Performance



RangeMax Dual Band Wireless-N USB 2.0 Adapter (WNDA3100)



Notebooks with integrated Wireless-N

System Requirements

- ADSL Internet Service
- 2.4 GHz 802.11n draft specification adapter or 2.4 GHz 802.11 b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Microsoft® Windows® Vista™, XP, 2000, Mac® OS, UNIX®, or Linux®
- Internet Explorer® 5.0 or FireFox® 2.0 or higher
- We recommend using this product with the RangeMax™ Wireless-N Adapters (WN511B, WN311B, WN111, 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
- WAN (ADSL): ITU 992.1 (G.dmt) Annex A, ITU 992.2 (G.lite), ITU 992.3 ADSL2(G.dmt.bis), ITU 992.5 ADSL2+

Wireless Configuration

- 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

- Smart Wizard® simplifies setup by automatically detecting and configuring your router for virtually all ISP connections
- WiFi Protected Setup™ (WPS), PIN and Push Button

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 & Parental Control

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

Functions

- Auto FW detection algorithm
- QoS function

Package Contents

- RangeMax™ Dual Band Wireless-N Modem Router (DGND3300)
- Stand
- Ethernet cable
- Setup CD
- 12V, 1.5A power adapter, localized to country of sale
- Warranty/support information card

Warranty

- NETGEAR 1-year Warranty (see information enclosed)

NETGEAR®

350 E. Plumeria Drive
San Jose, CA 95134-1911
1-888-NETGEAR (638-4327)
E-mail: info@NETGEAR.com
www.NETGEAR.com

© 2008 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, NETGEAR Digital Entertainer Logo, Connect with Innovation, FrontView, IntelliFi, PowerShift, ProSafe, RAIDar, RAIDiator, X-RAID, RangeMax, ReadyNAS and Smart Wizard are trademarks of NETGEAR, Inc. in the United States and/or other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Information is subject to change without notice. All rights reserved.

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.

† 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.

§ Up to 15x more speed and 10x more coverage than Wireless-G. Maximum performance compared to Wireless-G, when used with related wireless adapters.

