



Experience the Next generation of Wireless Networking

- Simultaneously stream HD video, play games online, make Internet phone calls and surf the Web without wires
- Share your broadband Internet connection simply and securely
- Easy setup with Smart Wizard® installation CD
- Use with RangeMax Next Wireless-N Adapters for maximum performance

Features

- Advanced Wireless-N technology delivers exceptional range and speed
- Perfect for multiple users, multiple rooms, and multimedia streaming
- Up to 15x the speed and 10x the coverage of Wireless-G technology†
- Double firewall and wireless encryption protects your network and data
- Supports Windows® Vista™

Multiple smart internal antennas

- Preset internal antennas take the guesswork out of setup
- Pre-tuned for optimal wireless performance
- Protected from damage and misalignment



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

| Which is the Best Product for You? | Wireless-G | Super-G™ | RangeMax™ | RangeMax™ NEXT Wireless-N | RangeMax™ NEXT Wireless-N Gigabit Edition |
|---|------------|----------|-----------|---------------------------|---|
| Speed† | 1x | 2x | 10x | 15x | 15x |
| Coverage† | 1x | 4x | 10x | 10x | 10x |
| Surfing the Internet | ✓ | ✓ | ✓ | ✓ | ✓ |
| Email and online chat | ✓ | ✓ | ✓ | ✓ | ✓ |
| Public hotspot compatible | ✓ | ✓ | ✓ | ✓ | ✓ |
| Streaming music | ✓ | ✓ | ✓ | ✓ | ✓ |
| Multiple PCs wirelessly connecting to the Internet | ✓ | ✓ | ✓ | ✓ | ✓ |
| Internet phone calls (VoIP) | | ✓ | ✓ | ✓ | ✓ |
| Heavy Internet usage | | ✓ | ✓ | ✓ | ✓ |
| Larger homes and multiple rooms | | | ✓ | ✓ | ✓ |
| Multimedia/video streaming | | | ✓ | ✓ | ✓ |
| Multimedia/gaming | | | ✓ | ✓ | ✓ |
| Simultaneous downloads, voice, music, VoIP streaming | | | ✓ | ✓ | ✓ |
| Networked entertainment and streaming HD video | | | | ✓ | ✓ |
| Networked or shared storage/ large file sharing | | | | ✓ | ✓ |
| Gigabit Ethernet Maximum wireless-to-wired network speeds | | | | | ✓ |
| Greater than 150 Mbps† throughput from a PC or HD media server | | | | | ✓ |

Maximum performance requires use with RangeMax Next Wireless-N Adapters

†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.



What is NETGEAR's RangeMax NEXT Wireless-N?

RangeMax NEXT extends the possibilities of your wireless home network by providing wireless speeds of up to 270 Mbps. This next generation wireless standard utilizes advanced MIMO (multiple-input, multiple-output) technology, which delivers incredible speed and range, and for the first time provides wireless interoperability at the highest speeds.

A RangeMax NEXT wireless network creates and maintains stable connections and enough bandwidth to surf the Internet, download MP3s, make Internet phone calls, share files, play network games, and stream high-definition videos, simultaneously† at any distance or location in the home or small office. Because RangeMax NEXT is compatible with all legacy b and g wireless products, you are sure to be connected.

Preset internal antennas provide maximum performance and high-quality streaming every time. NETGEAR's Smart Wizard® provides easy setup including configuration of WEP, WPA-PSK or WPA-2 PSK WiFi security

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, 98, Me, Mac® OS, UNIX®, or Linux®
- Internet Explorer® 5.0 or higher
- We recommend using this product with the RangeMax NEXT Wireless-N Adapters (WN511B, WN311B, WN121T)

Standards

- IEEE802.11n draft specification, IEEE 802.11g, IEEE 802.11b, 2.4 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+

Physical Specifications

- Dimensions: 225.5 x 172 x 39 mm (8.9 x 6.8 x 1.5 in)
- Weight: .56 kg (1.2 lb)

Ease of Use

- SmartWizard 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)
- WiFi protected Access (WPA2- PSK, WPA- PSK)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption
- Wireless Access Control using MAC address authentication to identify authorized wireless network devices
- Exposed host (DMZ) for secure gaming

Privacy and Parental Control

- Time-based usage controls
- Activity logging
- Remote management
- URL content filtering

Warranty

- NETGEAR 2-year Warranty

Package Contents

- RangeMax NEXT Wireless-N Broadband Modem Router (DG834N)
- Stand
- Ethernet cable
- Setup CD
- 12V, 1.0A power adapter, localized to country of sale
- Warranty/support information card

NETGEAR Related Products

- Notebooks:
 - RangeMax NEXT Wireless-N Notebook Adapter (WN511B)
 - RangeMax NEXT Wireless-N USB 2.0 Adapter (WN121T)
- Desktops:
 - RangeMax NEXT Wireless-N PCI Adapter (WN311B)
 - RangeMax NEXT Wireless-N USB 2.0 Adapter (WN121T)
- Storage: Storage Central (SC101)
- Powerline: Powerline HD (HDXB101)

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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.

**Actual performance may vary due to operating conditions

