



**10x more speed and 10x more coverage than Wireless-G**

- Wirelessly stream music, make Internet phone calls and surf the Web faster and further
- Share your broadband Internet connection simply and securely
- Built-in Quality of Service (QoS) ensures prioritization of VoIP and gaming traffic
- Easy setup with Smart Wizard® installation CD
- Use with RangeMax Wireless Adapters for maximum performance

**Features**

- 7 internal antennas scan for strongest signal path and adjust to interference
- Automatically upgrades to the latest router firmware during installation
- MIMO (multiple-input, multiple-output) technology boosts network performance with up to 10x the speed and 10x the coverage of Wireless-G†
- Configurable as a wireless repeater for extending range
- High-speed connections with virtually no dead spots
- Perfect for larger homes and small offices
- Compatible with internal wireless and public hotspots
- Double firewall and wireless encryption protects your network and data
- Touchless WiFi Security makes securing your network easy
- Supports Windows® Vista™

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

**7 Internal Antennas**  
Maximum  
Range!

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
Speed†	1x	4x	10x
Coverage†	1x	2x	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			✓
Multiplayer gaming			✓

Maximum performance requires use with RangeMax Wireless Adapters



RangeMax Wireless PC Card (WPN511)



RangeMax Wireless PCI Adapter (WPN311)



RangeMax Wireless USB 2.0 Adapter (WPN111)

**24/7**  
TECHNICAL  
SUPPORT\*

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

**System Requirements**

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 GHz 802.11 b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Windows® Vista™, XP, 2000, NT, Me, 98, Mac® OS, NetWare®, UNIX®, or Linux®
- Internet Explorer 5.0 or Netscape® 4.7 or higher
- We recommend using this product with RangeMax Wireless Adapters (WPN511, WPN311, WPN111)

**Standards**

- IEEE 802.11b, IEEE 802.11g, 2.4 GHz

**Physical Specifications**

- Dimensions: 223 x 153 x 31 mm (8.8 x 6 x 1.2 in)
- Weight: .5 kg (1.2 lb)

**Ease of Use**

- Seven internal smart antennas—no need to manually adjust and no risk of breaking
- Smart Wizard® simplifies setup by automatically detecting and configuring your router for virtually all ISP connections

**Performance Advantages**

- When used with RangeMax Wireless Adapters, delivers the longest range of any wireless technology on the market
- Up to 500,000 square feet of uninterrupted coverage†
- Maintains up to 10 times the effective speed of standard 802.11g when at long distances†

- Improves performance of existing legacy 802.11b and 802.11g wireless devices up to 50%
- Five 10/100 (1 internet, and 4 LAN) ports equipped with auto-sensing technology
- Wireless speed of up to 108 Mbps†

**Privacy & Parental Control**

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

**Security**

- Double firewall:
  - Network Address Translation (NAT) to hide PCs and files from outside users
  - Stateful packet inspection (SPI) firewall protects your PC from known network attacks
- Denial-of-service (DoS) attack prevention
- Intrusion detection and prevention (IDS)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption
- Wi-Fi Protected Access, Pre-Shared Key (WPA-PSK, WPA2-PSK)
- Wireless access control (SSID) to identify authorized wireless network devices
- Supports 2 VPN pass-through tunnels (IPsec, L2TP, PPTP)
- Exposed host (DMZ)
- MAC address authentication

**Warranty**

- NETGEAR 1-year Warranty

**Package Contents**

- RangeMax Wireless Router (WPN824v3)
- 12V, 1.0A Power Adapter, localized to country of sale
- Ethernet cable
- Vertical stand
- Setup guide
- Setup CD
- Warranty/support information card

**NETGEAR Related Products**

- Notebooks: Wireless
  - RangeMax PC Card (WPN511)
  - RangeMax USB Adapter (WPN111)
- Notebooks: Wired
  - PCMCIA Card (FA411)
  - CardBus Mobile Adapter (FA511)
- Desktops: Wireless
  - RangeMax PCI Adapter (WPN311)
  - RangeMax USB Adapter (WPN111)
- Desktops: Wired
  - Fast Ethernet PCI Adapter (FA311)
  - USB 2.0 Adapter (FA120)
- Printers
  - Wireless: Print Server (WGPS606)
  - Wired: USB Print Server (PS121)
- Gaming Consoles:
  - Wireless: 54 Mbps Wireless Game Adapter (WGE111)
  - Wired: Powerline Bridge (XE104 - US only)



**NETGEAR®**

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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

†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.