



Extend the range of your wireless broadband network

- Plug into existing wireless broadband equipment for strong wireless signal throughout your home
- Easily upgrades your existing home network to deliver greater wireless signals around the home
- Connects to your existing equipment from your broadband Internet provider
- Easy step-by-step installation with Smart Wizard® CD

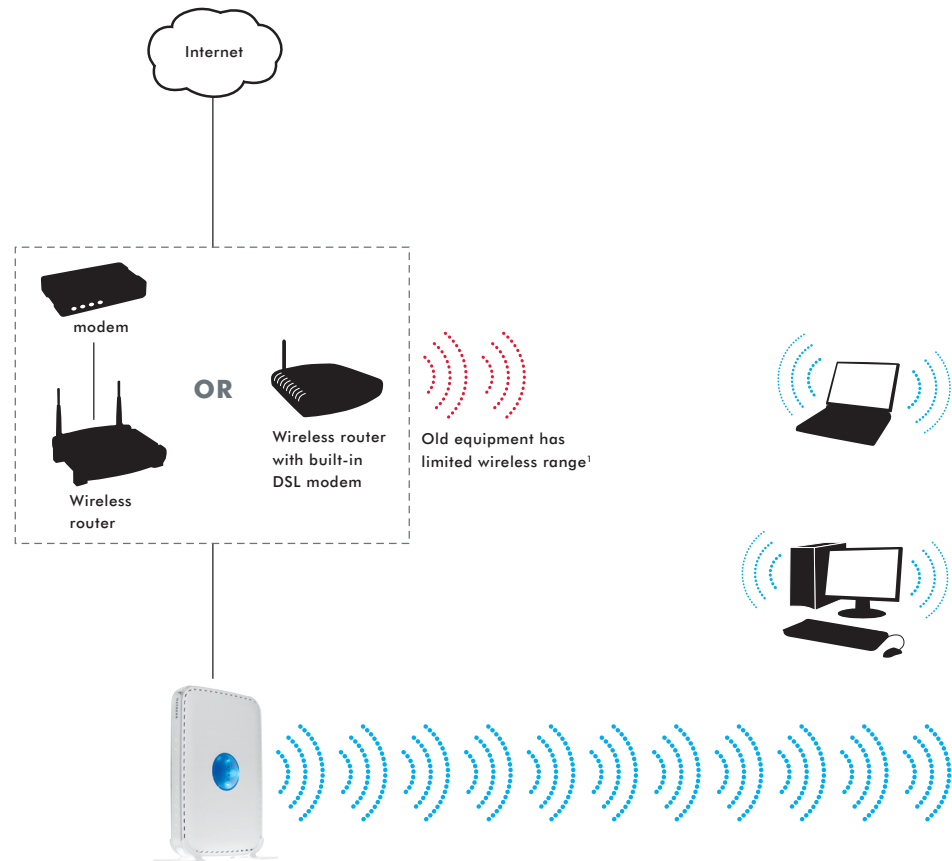
Features

- Easy step-by-step installation connects to existing broadband equipment
- Built-in Quality of Service (QoS) ensures prioritization of VoIP and gaming traffic
- Extend your WiFi coverage: Better range than G routers and broadband wireless equipment
- Advanced wireless security encryption protects your data and privacy
- Connect more network-ready devices with additional 4 Ethernet ports
- Use with RangeMax Wireless Adapters for even better performance and network speed

Connects to
Your Existing
Wireless
Equipment

7 Internal
Antennas
Boost Your
Range!

Connects to existing equipment and boosts wireless range



24/7
TECHNICAL
SUPPORT*

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

¹ Installation of the RangeMax WiFi Range Extender requires you to turn off your old wireless signal.

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†

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

Privacy & Parental Control

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

Product Specifications

- 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: 0.5 kg (1.2 lb)

System Requirements

- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- 2.4 GHz 802.11b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Microsoft® 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 (WPN111, WPN311, WPN511)

Package Contents

- RangeMax™ WiFi Range Extender (WPN824EXT)
- 12V, 1.0A power adapter
- Ethernet cable
- Vertical stand
- Setup guide
- Setup CD
- Warranty/support information card

Warranty

- NETGEAR 1-year Warranty

Netgear Related Products**Wireless****Notebooks**

- RangeMax™ PC Card (WPN511)
- RangeMax™ USB Adapter (WPN111)

Desktops

- RangeMax™ PCI Adapter (WPN311)
- RangeMax™ USB Adapter (WPN111)

Printers

- Wireless™ Print Server (WGPS606)

Gaming Consoles

- 54 Mbps Wireless Game Adapter (WGE111)

Wired**Notebooks**

- PCMCIA Card (FA411)
- CardBus Mobile Adapter (FA511)

Desktops

- Fast Ethernet PCI Adapter (FA311)
- USB 2.0 Adapter (FA120)

Printers

- USB Print Server (PS121)

Gaming Consoles

- Powerline Bridge (XE104 - US only)

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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.

This wireless router product has been verified for basic compatibility with corresponding Intel® Centrino™ mobile technology based notebooks and/or Intel® Viiv™ Technology based PC. Notebooks based on Intel Centrino mobile technology, and Intel Viiv Technology based PCs do not support proprietary 802.11 performance-enhancement features. Data rate features and performance may vary based on the configuration of your system and other factors.