

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
- Easy set-up with Smart Wizard® installation CD
- Use with RangeMax wireless adapters for maximum performance

Features

- 6 internal antennas scan for strongest signal path and adjusts to interference
- MIMO (Multi-In, Multi-Out) technology boosts network performance with up to 10x the speed and 10x the coverage of Wireless-G†
- High speed connections with virtually no dead spots
- Perfect for larger homes and small offices
- Double firewall and wireless encryption protects your network and data
- Supports Windows® Vista™



| Which is the Best NETGEAR Product for You? | Wireless-G | Super-G* | RangeMax | RangeMax Next Wireless-N |
|--|------------|----------|----------|--------------------------|
| Speed† | 1x | 2x | 10x | 15x |
| Coverage† | 1x | 4x | 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 | | | ✓ | ✓ |
| Multiplayer gaming | | | ✓ | ✓ |
| Simultaneous downloads, voice, music, VoIP streaming | | | ✓ | ✓ |
| Networked entertainment and streaming HD video | | | | ✓ |
| Networked or shared storage/ large file sharing | | | | ✓ |

Use NETGEAR DG834PN with RangeMax™ wireless adapters for maximum performance

RangeMax Wireless Laptop Card (WPN511)

RangeMax Wireless PCI Adapter (WPN311)

RangeMax Wireless USB 2.0 Adapter (WPN111)

† 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.



NETGEAR's 108 Mbps RangeMax Wireless Modem Router (DG834PN) extends your wireless coverage up to 10 times that of standard 802.11g due to an advanced Smart MIMO (Multi-In, Multi-Out) technology that uses multiple internal antennas to continuously scan your home or office, automatically sensing obstacles and electronic interference, then dynamically adjusting the wireless signal to compensate and maintain a clear connection.

In addition to the router function, the DG834PN includes double firewall protection that helps shield the network. A built-in ADSL2+ modem provides direct, always-on Internet connectivity. The 802.11g access point means you can link to network resources and the Internet wired or wirelessly. And, the integrated 10/100 switch lets you directly connect four computers or Ethernet devices.

System Requirements

- ADSL Broadband Internet service
- 2.4 GHz wireless adapter or Ethernet adapter and cable for each computer
- Microsoft® Windows® Vista™, XP, 2000, ME, 98SE, Mac® OS or other operating systems running a TCP/IP network Internet Explorer™ 5.0 or higher

• Routing Protocols

- Static and Dynamic Routing with TCP/IP, VPN pass-through (IPSec, L2TP, PPTP), RIP, PPPoE, PPPoA, DNS, DHCP (client & server), RFC 1483 Static IP, Classical IP

Product Specifications

• Standards

- Wireless: IEEE 802.11b, IEEE802.11g
- 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 Interfaces

- LAN Ports: Four (4) 10/100 Mbps auto-sensing, Auto Uplink™ RJ-45 ports (one Cat 5 UTP cable included)
- WAN Port: ADSL RJ11, T1.413, G.DMT, G.LITE, ADSL2+, ITU Annex A

• Security Features

- Double Firewall: Stateful Packet Inspection (SPI) firewall to deny outside requests for personal information, Denial of Service (DoS) attack prevention, Web URL keyword filtering, logging, reporting, and e-mail alerts
- Network Address Translation (NAT) to hide PCs and files from outside users, Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption, Wi-Fi Protected Access (WPA, Pre-Shared Key), Wireless Access Control (SSID) to identify authorized wireless network devices

• Mode of Operation

- Network Address Translation (NAT), static routing IP

• IP Address Assignment

- Static IP address assignment; internal DHCP server on LAN; DHCP client on WAN; PPPoE client support
- Classical IP

• Functions

- UPnP™, Remote Management, Port Range Forwarding, Exposed Host (DMZ), DNS Proxy, URL Content Filtering, E-mail Alerts, Save/Restore Configuration, Diagnostics, Upgrades via Web

• Power Adapter

- 12VDC, 1.0A; plug is localized to country of sale

Physical Specifications

- Dimensions: 223 x 153 x 31 mm (8.8 x 6 x 1.2 in)
- Weight: 0.5 kg (1.1 lb)

• Environmental Specifications

- Operating Temperature: 0 to 40° C (32 to 104° F)
- Operating Relative Humidity: 90% maximum relative humidity, noncondensing

• Warranty

- NETGEAR 2-Year Warranty (see information enclosed)

Package Contents

- RangeMax Wireless Modem Router (DG834PN)
- Vertical Stand
- Ethernet Cable
- Setup CD
- Power Adapter
- Phone Cable
- ADSL Phone Line Filter
- 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

© 2007 NETGEAR, Inc. NETGEAR, the NETGEAR logo, Connect with Innovation, Everybody's connecting, the Gear Guy logo, IntelliFi, ProSafe, RangeMax and Smart Wizard are trademarks or registered trademarks of NETGEAR, Inc. in the United States and/or other countries. Microsoft, Windows, and the Windows logo are trademarks or registered trademarks of Microsoft Corporation in the United States and/or other countries. Other brand and product names are trademarks or registered trademarks of their respective holders. Information is subject to change without notice. All rights reserved.

*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.