

Upgrade old DSL equipment to Wireless-N



- Surf, make Internet phone calls, play online games and stream HD video simultaneously
- Wireless-N modem router with matching USB adapter delivers superior performance and range
- Push 'N' Connect securely connects devices at the touch of a button
- Easy setup with Smart Wizard® Installation CD

Features

- Wireless-N modem router with matching USB adapter delivers superior performance and range
- WiFi on/off switch to turn off wireless signals
- Double firewall and wireless encryption protects your network and data
- Push 'N' Connect using Wi-Fi Protected Setup™ (WPS)
 - A secured connection at the push of a button²

STEP 1

Follow steps of the NETGEAR Smart Wizard wireless connection utility



STEP 2

Push the Push 'N' Connect button on your router



STEP 3

Connect securely



SPEED
UP TO
300
Mbps
COVERAGE
UP TO
5x

**Wireless-N
USB Adapter
Included**

Green Networking

- 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

Which is the Best Product for You?	Wireless-G	Wireless-N
Speed ¹	1x	15x
Coverage ¹	1x	5x
Avoids interference	Good	Better
No. of antennas	2	2
No. of free channels	3	3
Surf the Internet, email and online chat	✓	✓
Streaming music/radio	✓	✓
Multiple PCs wirelessly connecting to the Internet		✓
Internet phone calls (VoIP)		✓
Heavy Internet usage		✓
Larger homes and multiple rooms		✓
Multipayer gaming		✓
Simultaneous downloads, voice, music, VoIP streaming		✓
Improved performance with internal Wireless-N notebooks		✓
Networked or shared storage/ large file sharing		✓

Maximum performance requires use with RangeMax Wireless-N adapters



24/7
TECHNICAL
SUPPORT™

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Modem Router Specifications

System Requirements

- ADSL Broadband Internet service
- 2.4 GHz 802.11n draft specification adapter or 2.4 GHz 802.11b/g wireless adapter. Alternatively, an Ethernet adapter and cable for each computer
- Microsoft® Windows® Vista™, XP, 2000, Me, Mac® OS, or other operating systems running a TCP/IP network
- Internet Explorer® 5.0 or higher

Standards

- IEEE 802.11n draft version, 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: 177.5 x 130 x 31 mm (7 x 5.1 x 1.22 in)
- Weight: 0.265 kg (0.584 lb)

Ease of Use

- Push 'N' Connect makes connecting to your secure network simple and fast using Wi-Fi Protected Setup™ (WPS)
- Smart Wizard® 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)
- 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
- MAC address authentication
- Exposed Host (DMZ) for secure gaming
- Wi-Fi Protected Setup™ (WPS), push-button and PIN

Privacy & Parental Control

- Time-based usage controls
- Web site logging
- Remote management
- URL content filtering

USB Adapter Specifications

System Requirements

- Desktop or notebook PC with Intel® Pentium® 300 MHz-compatible processor or higher
- Available USB 1.1 or USB 2.0 slot
- Microsoft® Windows® Vista™, XP, or 2000 SP4

Physical Specifications

- Dimensions (l x w x h): 86.7 x 27.7 x 13.3 mm (3.42 x 1.09 x .53 in)
- Weight: 21.5 g (0.76 oz)

Wireless Speeds†

- 802.11b: 1, 2, 5.5, 11 Mbps
- 802.11g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps
- 802.11n Draft 2.0: 6, 6.5, 13, 13.5, 19.5, 26, 27, 39, 40.5, 53, 54, 58.5, 65, 78, 81, 104, 108, 117, 121.5, 130, 135, 162, 216, 243, 270, 300 Mbps
- Up to 50% when used with legacy 802.11b/g wireless routers

Standards

- IEEE 802.11n draft 2.0 specification, IEEE 802.11b, IEEE 802.11g, 2.4 GHz

Security

- Wi-Fi Protected Access™ (WPA2-PSK, WPA-PSK)
- Wired Equivalent Privacy (WEP) 64-bit, 128-bit encryption for IEEE 802.11b and IEEE 802.11g

Warranty

- NETGEAR 2-year Warranty

Package Contents

- Wireless-N Modem Router (DGN2000)
- RangeMax™ Wireless-N USB 2.0 Adapter (WN111v2)
- Ethernet cable
- Setup CD
- 12V, 1.0A power adapter
- Phone cable
- ADSL phone line filter
- Warranty/support information card



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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.

†Up to 15x more speed and 5x more coverage than Wireless-G. Maximum performance compared to Wireless-G, when used with related wireless 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.

‡ "N", "Wireless-N" and "draft 802.11n" refer to compliance with IEEE 802.11n draft specification version 2.0 only.

²Works with Clients supporting Wi-Fi Protected Setup™ (WPS)