NETGEAR®
Connect with Innovation™

Wireless-N Router with Built-in DSL Modem
DGN2000

Data Sheet

N draft 802.11n

2.4 GHz

Upgrade old DSL equipment to Wireless-N

Push 'N' Connect

- Fully compatible with major DSL Internet service providers
- Surf, make Internet phone calls, play online games and stream HD video simultaneously
- Replace your old DSL equipment with new Wireless-N
- Push 'N' Connect securely connects at the touch of a button
- Use with RangeMax™ Wireless-N Adapters and boost your performance and range

Features

- Wireless-N Router with built-in ADSL2+ Modem
- Replace and upgrade existing equipment provided by DSL Internet service providers.
- WiFi on/off switch to turn off wireless signals
- Easy setup with Smart Wizard® Installation CD
- Push 'N' Connect using Wi-Fi Protected Setup™ (WPS)
  - A secured connection at the push of a button[2]

SPEED' UP TO 15x
COVERAGE' UP TO 5x

STEP 1
Follow steps of the NETGEAR Smart Wizard wireless connection utility

STEP 2
Push the Push 'N' Connect button on your router
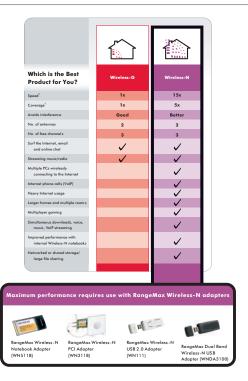
STEP 3
Connect securely

NETGEAR Green

- 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

NETGEAR *Green*

Which is the Best Product for You?	Wireless-G	Wireless-N
Speed'	1x	15x
Coverage†	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		✓
Multiplayer 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

RangeMax Wireless-N Notebook Adapter (WN511B)

RangeMax Wireless-N PCI Adapter (WN311B)

RangeMax Wireless-N USB 2.0 Adapter (WN111)

RangeMax Dual Band Wireless-N USB Adapter (WNDA3100)

24/7 TECHNICAL SUPPORT*

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

ENERGY STAR PARTNER

bg WiFi n CERTIFIED® DRAFT

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
- We recommend using this product with the RangeMax Wireless-N Adapters (WN511B, WN311B, WN111, WNDA3100)

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+
- Five (4 Ethernet and 1 ADSL) ports

Physical Specifications
- Dimensions: 177.5 x 130 x 31 (7 x 5.1 x 1.22)
- Weight: .265 kg (.584 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)
- 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 and Parental Control
- Time-based usage controls
- Activity logging
- Remote management
- URL content filtering

Warranty
- NETGEAR 1-year Warranty

Package Contents
- Wireless-N Router with Built-in DSL Modem (DGN2000)
- Ethernet cable
- Setup CD
- 12V, 1.0A power adapter, localized to country of sale
- Phone cable
- ADSL phone line filter
- Warranty/support information card

NETGEAR Related Products
Notebooks
- RangeMax Wireless-N Notebook Adapter (WN511B)
- RangeMax Wireless-N USB 2.0 Adapter (WN111)
- RangeMax Dual Band Wireless-N USB Adapter (WNDA3100)

Desktops
- RangeMax Wireless-N PCI Adapter (WN311B)
- RangeMax Wireless-N USB 2.0 Adapter (WN111)
- Powerline: Powerline AV Networking Kit (XAVB101)
- Multimedia: Digital Entertainer (EVA8000)
- Storage: ReadyNAS Duo (RND2150)

Wi-Fi PROTECTED SETUP

*Basic technical support provided for 90 days from date of purchase.

Actual performance may vary due to operating conditions.

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

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

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate and wireless coverage. 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.