

# Wireless-N 300 Router with DSL Modem

DGN2000 Data Sheet







### 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
- Compatible with NETGEAR and other Wireless-G and Wireless-N adapters

#### **Features**

- Live Parental Controls, powered by OpenDNS™
  - Blocks unsafe Internet content and applications
  - Flexible and customizable settings through Web interface
  - Protects connected devices through the router such as PCs, gaming consoles, and iPod touch®
  - And it's FREE! See CD inside for installation
  - To learn more visit www.netgear.com/lpc
- 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<sup>1</sup>





**Live Parental** 

Controls

#### **Green Networking**

- · Convenient power and Wi-Fi on/off switch to conserve energy
- Packaging manufactured with at least 80% recycled materials

#### The NETGEAR Difference

#### **DGN2000**

- Push 'N' Connect
- ✓ Wireless on/off button
- Advanced Quality of Service
- ✓ Wireless repeater mode
- Easy multi-language installation

			3
Which is the Best NETGEAR Product for You?	Wireless-G	Wireless-N 300	RangeMax Dual Band Wireless-N
Speed <sup>†</sup>	Up to 54 Mbps	Up to 300 Mbps	Up to 270+54 Mbps
Avoids interference	Good	Better	Best
No. of antennas	2	3 internal	8 internal
No. of free channels	3	3	Up to 23
Surf the Internet, email, online chat, and stream music	<b>✓</b>	<b>✓</b>	<b>✓</b>
Internet phone calls (VoIP)	Good	Better	Best
Larger homes and multiple rooms		<b>✓</b>	✓
Multiplayer gaming		<b>✓</b>	<b>✓</b>
Simultaneous downloads, voice, music, VoIP streaming		✓	<b>✓</b>
Networked entertainment and streaming HD video		Good	Better
Networked or shared storage/ large file sharing		<b>✓</b>	✓
Multiple HD videos and lag-free network gaming			✓
USB Port for sharing external USB storage			<b>✓</b>
Use with a W	/ireless-N Adapter	for Maximum Perf	formance

Wireless-N 300

PCI Adapter (WN311B)





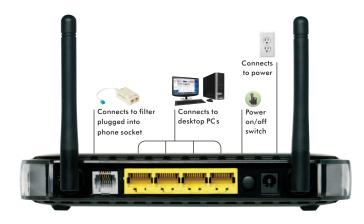


300





Wireless-N 300 USB Adapter





Desktop PCs connect with Wireless-N 300 adapters (WN311B or WN111)



Notebook PC connects with internal Wireless-N or Wireless-N 300 USB Adapter (WN111)

#### **System Requirements**

- ADSL broadband Internet service
- 2.4 GHz 802.11n 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
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0 or Safari® 1.4 or higher

#### **Standards**

- IEEE 802.11n 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 (7 x 5.1 x 1.22)
- Weight: .265 kg (.584 lb)

#### **Features**

- Live Parental Controls with flexible and customizable filter settings, installation available on Resource CD
- Double firewall protection
- Denial-of-service (DoS) attack prevention
- Intrusion detection and prevention (IDS)
- Wi-Fi Protected Access™ (WPA2-PSK, WPA-PSK) and WEP
- Push 'N' Connect using Wi-Fi Protected Setup™ (WPS)¹ and Smart Wizard®

#### Warranty

· Localized to country of sale

#### **Package Contents**

- Wireless-N 300 Router with DSL Modem (DGN2000)
- Ethernet cable
- Phone cable
- Resource CD including Live Parental Controls installation
- ADSL phone line filter
- Power adapter, localized to country of sale

## **NETGEAR®**

350 E. Plumeria Drive San Jose, CA 95134-1911 1-888-NETGEAR (638-4327) E-mail: info@NETGEAR.com www.NETGEAR.com © 2009 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, NETGEAR Digital Entertainer Logo, Connect with Innovation, FrontView, IntelliFi, PowerShift, ProSafe, ProSecure, RAIDar, RAIDiator, RangeMax, ReadyNAS, Smart Wizard, X-RAID, and X-RAID2, are trademarks and/or registered trademarks of NETGEAR, Inc. and/or subsidiaries in the United States and/or other countries. Mac and the Mac logo are trademarks of Apple Inc., registered in the U.S. and other countries. Other brand names mentioned herein are for identification purposes only and may be trademarks of their respective holder(s). Information is subject to change without notice. All rights reserved.

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

Actual performance may vary due to operating conditions.

This product comes with a limited warranty, the acceptance of which is a condition of sale.

¹Works with Clients supporting Wi-Fi Protected Setup™ (WPS).

<sup>†</sup> 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 "802.11n" refer to compliance with IEEE 802.11n specification version 2.0 only.

For indoor use only