# NETGEAR®
Connect with Innovation™

# RangeMax™ Wireless-N Gigabit Modem Router
DGN3500                                    Data Sheet

**N300**
2.4 GHz

## Fully compatible with major DSL Internet service providers

- Higher speed and range with Wireless-N technology for gaming and video streaming
- Gigabit Ethernet ports deliver ultra-fast wired connections
- ReadyShare™ provides fast and easy shared access to an external USB storage device
- Built-in ADSL2+ modem for use with DSL broadband (through the telephone line)

Push 'N' Connect

### Features
- Push 'N' Connect using Wi-Fi Protected Setup™ (WPS) allows you to add computers to the network quickly and securely[2]

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

**STEP 2**
Push the Push 'N' Connect button on your modem router

**STEP 3**
Connect securely

- ReadyShare USB Access enables fast and easy shared access of external USB storage device from multiple PCs
- Dedicated network for guests with restricted access without sharing your own security password
- Automatic Quality of Service (QoS) for reliable Internet, video, voice and gaming applications.
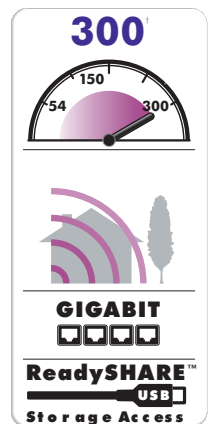- Use as a wireless repeater for extending range

### NETGEAR Green
- Convenient Wi-Fi and power on/off switches conserve energy
- Auto-sensing Gigabit green switch automatically adjusts the power level
- Packaging manufactured with at least 80% recycled materials

**NETGEAR** *Green*

## The NETGEAR Difference

**DGN3500**
- ✓ Gigabit wired speeds with ADSL2+
- ✓ ReadyShare USB
- ✓ Push 'N' Connect
- ✓ Advanced Quality of Service
- ✓ Energy saving features

| Which is the Best NETGEAR Product for You? | Wireless-N 150 | Wireless-N 300 | RangeMax Wireless-N Gigabit |
|---|---|---|---|
| Speed[1] | Up to 150 Mbps | Up to 300 Mbps | Up to 300 Mbps |
| No. of antennas | 1 external | 2 external | 3 internal |
| Surf the Internet, email, online chat, and streaming music | ✓ | ✓ | ✓ |
| Internet phone calls (VoIP) | Good | Better | Best |
| Larger homes and multiple rooms | Good | Better | Best |
| Simultaneous downloads, voice, music, VoIP streaming | ✓ | ✓ | ✓ |
| Networked entertainment and streaming HD video | | ✓ | ✓ |
| Multiple HD videos and lag-free network gaming | | | ✓ |
| Gigabit Ports for ultra-fast wired speeds | | | ✓ |
| ReadyShare USB Storage Access | | | ✓ |

**Use with a RangeMax Wireless-N Adapter for Maximum Performance**

Wireless-N 300 USB Adapter (WN111)

RangeMax Dual Band Wireless-N USB Adapter (WNDA3100)
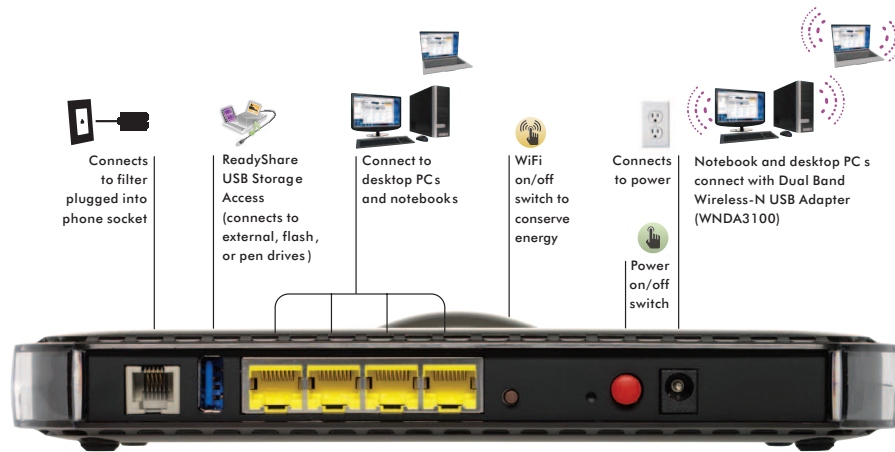
Notebooks with integrated Wireless-N

**300**
150
54    300

**GIGABIT**

**ReadySHARE™**
USB
Storage Access

**24/7**
TECHNICAL SUPPORT*

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

Mac

Powered by an ENERGY STAR® qualified adapter for a better environment

**bg WiFi n**
CERTIFIED®

Wi-Fi PROTECTED
**SETUP**

Connects to filter plugged into phone socket

ReadyShare USB Storage Access (connects to external, flash, or pen drives)

Connect to desktop PCs and notebooks

WiFi on/off switch to conserve energy

Connects to power

Notebook and desktop PC s connect with Dual Band Wireless-N USB Adapter (WNDA3100)

Power on/off switch

### 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, UNIX®, or Linux®
- Internet Explorer® 5.0 or Firefox® 2.0 or higher
- We recommend using this product with the RangeMax™ Wireless-N Adapters (WN511B, WN311B, WN111, WNDA3100)

### Standards
- IEEE 802.11n version 2.0
- IEEE 802.11n, 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: 223 x 153 x 31 mm (8.8 x 6.0 x 1.2 in)
- Weight: 0.5 kg (1.2 lb)

### Features
- Privacy & parental controls
- Double firewall protection
- Denial-of-service (DoS) attack prevention
- Intrusion detection and prevention (IDS)
- Wi-Fi Protected Access™ (WPA2-PSK, WPA-PSK) and WEP
- Wi-Fi Protected Setup™ (WPS)—push-button and PIN
- Push 'N' Connect using Wi-Fi Protected Setup™ (WPS) and Smart Wizard®
- Exposed host (DMZ) for secure gaming
- Supports Wireless Multimedia (WMM) based Quality of Service (QoS)

### Warranty
- Localized to country of sale

### Package Contents
- RangeMax™ Wireless-N Gigabit Modem Router (DGN3500)
- Stand
- Ethernet cable
- Setup CD
- ADSL phone line filter
- Power adapter, localized to country of sale

## NETGEAR®

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For indoor use only.