

NETGEAR

Connect with Innovation™

D6300 WiFi Modem Router

802.11ac Dual Band Gigabit

D6300

PERFORMANCE LEVEL



Built-in ADSL2+ Modem

Next generation WiFi—300+1300 Mbps speeds

Perfect for current & future WiFi devices

ReadySHARE® Cloud**—Remote access to USB hard drive

Gigabit WAN—Future-proof your network

The NETGEAR D6300 WiFi Modem Router delivers next generation WiFi at 300+1300 Mbps speeds. With a built-in ADSL2+ modem, it creates a high-speed Internet gateway with speeds up to 3x faster than 802.11n.

The D6300 with simultaneous dual band enables HD streaming and is ideal for larger homes with multiple devices. Advanced features include ReadySHARE® Cloud**, which allows for remote access to a USB hard drive.

**ReadySHARE Cloud Service is free until September 1, 2014 with purchase of D6300 Modem Router. Thereafter, annual fees or surcharges may apply.

FEATURES

SPEED



WORLD'S FASTEST WiFi—Up to 300+1300[†] Mbps[†]



GIGABIT WiFi—Next generation WiFi now at Gigabit speeds



GIGABIT WIRED—Ideal for HD gaming & video



CABLE OR FIBRE—Also connects to Cable modem via Gigabit Ethernet WAN port

WiFi RANGE



ULTIMATE RANGE—WiFi coverage throughout your home

SHARING



DLNA®—Find & play your media on DLNA TVs & game consoles



READYSHARE® USB ACCESS—Wirelessly access & share USB hard drives via two (2) USB ports



READYSHARE® PRINTER—Wirelessly access & share a USB printer



READYSHARE® CLOUD**—Access & share USB hard drive remotely

RELIABLE CONNECTIONS



SIMULTANEOUS DUAL BAND—Reduces interference for better connections to more WiFi devices



ADVANCED QoS—Optimised for smooth HD streaming & gaming

EASE OF USE



EASY INSTALL—Easy setup for iPad®, tablets, smartphones & computers



NETGEAR GENIE® APP—Home network manager



PUSH 'N' CONNECT—Easy push button WiFi connections (WPS)



WiFi & POWER ON/OFF—Convenient power savings

SECURITY



PARENTAL CONTROLS—Web filtering for all your connected devices



GUEST NETWORK ACCESS—Separate & secure access for guests



SECURE WiFi CONNECTIONS—Highest level wireless security with WPA/WPA2

802.11ac DIFFERENCE

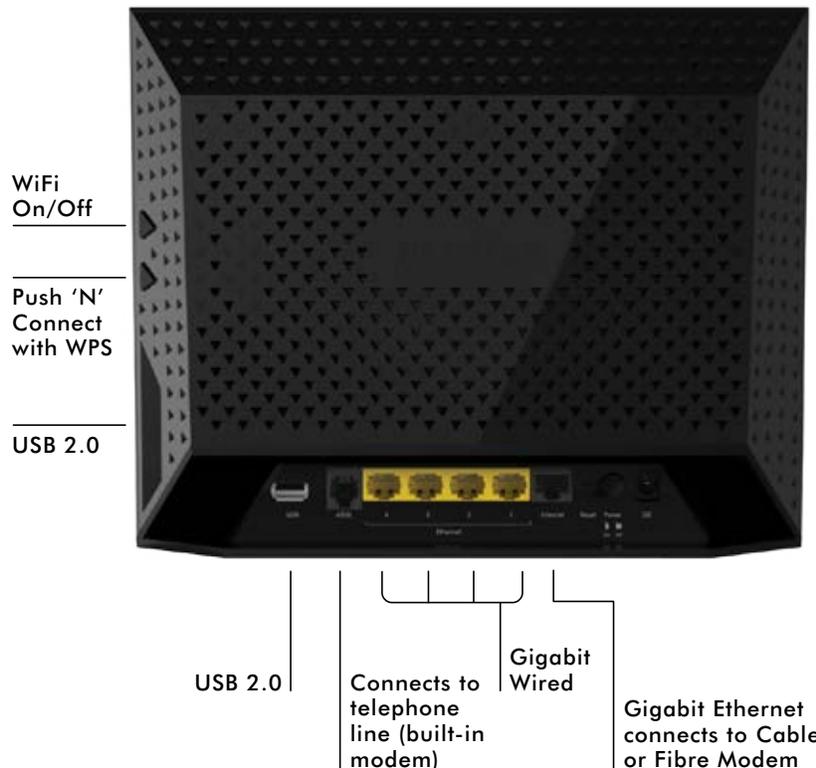
- Up to 3x faster than 802.11n
- HD streaming throughout your home
- Compatible with next generation WiFi devices
- Backward compatible with 802.11n

NETGEAR GENIE® APP 

- Home network manager
- Makes any printer AirPrint® compatible to print from an iPad® or iPhone®
- MyMedia®—Find and play media files in your network
- For PC, Mac®, iPhone®, iPad®, & Android™ devices



WiFi Technology	FEATURES									APPLICATIONS			
	Speed	Range	genie® App	Secure Connection	Easy Install	ReadySHARE USB Access	Simultaneous Dual Band	Gigabit Wired	Gigabit WiFi	Email, Chat, Surf, Music, Video	Online Gaming	HD Streaming	Multiple HD Streaming
N300	Up to 300 Mbps†		✓	✓	✓					✓	✓		
N600	Up to 300+300 Mbps†		✓	✓	✓	✓	✓	✓		✓	✓	✓	
AC1600	Up to 300+1300* Mbps†		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Package Contents

- D6300 WiFi Modem Router
- Ethernet cable
- Phone cable
- ADSL2+ filter
- Quick install guide
- Power adapter, localized to country of sale

Physical Specifications

- Dimensions: 205 x 255 x 77 mm (8.07 x 10.04 x 3.03 in)
- Weight: 654g (1.44 lb)

Standards

- Two (2) USB 2.0 ports
- One (1) ADSL2+ port
- IEEE® 802.11 b/g/n 2.4 GHz
- IEEE 802.11 a/n/ac 5.0 GHz
- Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit Ethernet ports with auto-sensing technology

Warranty

- Warranty localized to country of sale

System Requirements

- Broadband Internet service
 - ADSL2+ Broadband Internet Service
 - Cable or Fibre: Connects to cable modem via Gigabit Ethernet WAN port
- Microsoft® Windows 7, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux®
- Microsoft® Internet Explorer® 5.0, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher
- Use laptop with 3x3 450 Mbps adapter like Centrino® 6300/5300, or 3x3 802.11ac adapter for maximum performance

Performance

- WiFi Boost with high-powered radio amplifiers
- Memory: 128 MB flash and 128 MB RAM
- Advanced Quality of Service (QoS)
- IPv6 Support (Internet Protocol Version 6)

Ease of Use

- NETGEAR genie® App—Personal dashboard to monitor, control & repair your home network
- Push 'N' Connect using Wi-Fi Protected Setup® (WPS)¹

Security

- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention

NETGEAR Green Features

-  Power On/Off Button
-  Wireless On/Off Button
-  80% Recycled Packaging
-  CEC (California Efficiency)
-  RoHS
-  WEEE



NETGEAR®

350 E. Plumeria Drive
San Jose, CA 95134-1911 USA
1-888-NETGEAR (638-4327)
E-mail: info@NETGEAR.com
www.NETGEAR.com

24/7 TECHNICAL SUPPORT*

*Basic technical support free for 90 days only

©2012 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, Connect with Innovation, genie and ReadySHARE 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. BROADCOM, and the 5GWiFi logo are trademarks or registered trademarks of Broadcom Corporation in the United States and/or 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.

This product is packaged with a limited warranty, the acceptance of which is a condition of sale. This product has been tested for quality assurance and this product or its components may have been recycled.

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

^{**}ReadySHARE Cloud Service is free until September 1, 2014 with purchase of D6300 Modem Router. Thereafter, annual fees or surcharges may apply.

[†]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. 802.11ac 1300 Mbps is approximately 3x faster than 802.11n 450 Mbps.

[‡]Up to 1300 Mbps wireless speeds achieved when connecting to other 802.11ac 1300 Mbps devices.

¹Works with devices supporting Wi-Fi Protected Setup® (WPS).