

NETGEAR®

Connect with Innovation™

R6300 WiFi Router

802.11ac Dual Band Gigabit

R6300

PERFORMANCE LEVEL



Next generation WiFi at Gigabit speeds

Ultimate mobility for WiFi devices

Perfect for current & future WiFi devices

NETGEAR Genie® app for computers & smartphones

The NETGEAR R6300 WiFi Router delivers next generation WiFi at Gigabit speeds. It offers the ultimate mobility for WiFi devices with speeds up to 3x faster than 802.11n.

Compatible with next generation WiFi devices and backward compatible with 802.11 a/b/g and n devices, it enables HD streaming throughout your home. The R6300 with simultaneous dual band WiFi technology offers speeds up to 450+1300[†] Mbps[†] and avoids interference, ensuring top WiFi speeds and reliable connections. This makes it ideal for larger homes with multiple devices. In addition, four Gigabit Ethernet ports offer ultra-fast wired connections. Wirelessly access and share USB hard drive and USB printer using the two USB 2.0 ports.

The NETGEAR Genie® app provides easy installation from an iPad®, tablet, computer or smartphone. It includes a personal dashboard, allowing you to manage, monitor, and repair your home network. NETGEAR customers can download the app at <http://www.netgear.com/genie> or from the Google Play or App Store.



FEATURES

SPEED



WORLD'S FASTEST WIFI—Up to 450+1300[†] Mbps[†]



GIGABIT WIFI—Next generation WiFi now at Gigabit speeds



GIGABIT WIRED—Ideal for HD gaming & video

RELIABLE CONNECTIONS



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

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 share a USB printer

WIFI RANGE



ULTIMATE RANGE—WiFi coverage throughout your home

EASE OF USE



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



NETGEAR GENIE® APP—Personal dashboard to monitor, control & repair your home network



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

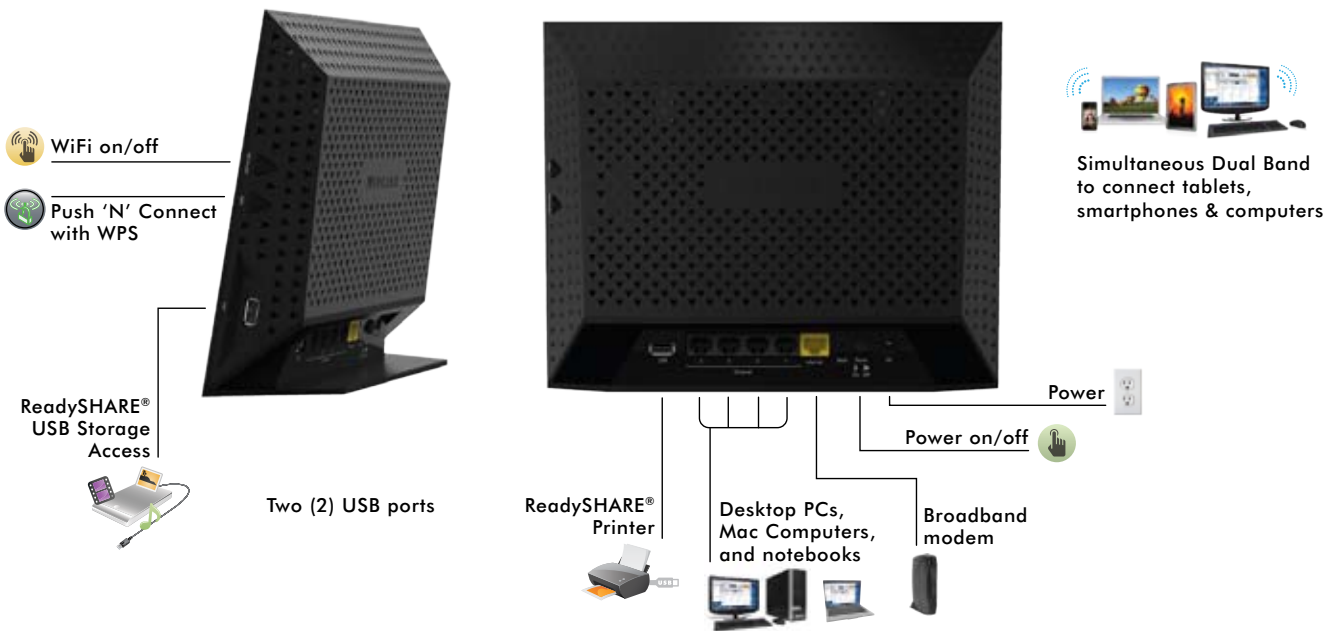
- Up to 3x faster than 802.11n
- HD streaming throughout your home
- Compatible with next generation WiFi devices
- Backward compatible with 802.11n

NETGEAR GENIE® APP

- Easily manage, monitor & repair your network
- For PC, Mac, iPhone, iPad, & Android devices
- Makes any printer AirPrint® compatible to print from an iPad® or iPhone®
- My Media—Find media files in your network and play them on any DLNA media player from your mobile app



WiFi Technology	FEATURES									APPLICATIONS			
	Speed	Range	NETGEAR genie®	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 ¹		✓	✓	✓					✓	✓		
N600	Up to 300+300 Mbps ¹		✓	✓	✓	✓	✓	✓		✓	✓	✓	
N900	Up to 450+450 Mbps ¹		✓	✓	✓	✓	✓	✓		✓	✓	✓	✓
AC1750	Up to 450+1300 ¹ Mbps ¹		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓



Package Contents

- R6300 WiFi Router
- Ethernet cable
- 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
- 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

- Limited 1-year warranty minimum or longer if provided by law. Plus 90-day basic customer support. For warranty and support details in your region visit support.netgear.com.

System Requirements

- 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, ReadySHARE, and NETGEAR Genie, 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. 350 E. Plumeria Drive, San Jose, CA 95134 USA

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.

¹Basic technical support provided for 90 days from date of purchase.

²Maximum 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.

³Up to 1300 Mbps wireless speeds achieved when connecting to other 802.11ac 1300 Mbps devices.

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