



Performance & Use

AC1200



- AC1200 WiFi—300+867 Mbps[†] speeds
- Wireless coverage for your entire home
- Ideal for homes with more WiFi devices
- NETGEAR genie® App—Enjoy more of your connected home

The NETGEAR Difference - R6100

- Faster WiFi—Now up to 1200 Mbps[†]
- Backward compatible with 802.11n
- ReadySHARE® USB Access—Wirelessly access & share USB storage

Overview

The NETGEAR R6100 WiFi Router with AC1200 dual band is an incredibly fast router delivering AC1200 WiFi speeds. This router offers improved performance and wireless coverage for your home. The R6100 gets 3x faster access than similar 802.11n technology and delivers the speed and reliability needed for applications such as multiple HD streaming, online gaming and a secure and reliable connection to the Internet. The R6100 also includes NETGEAR genie® home network manager for easy installation and home network management.

Compatible with next generation WiFi devices and backward compatible with 802.11 a/b/g/n devices, it enables HD streaming throughout your home. With up to 300+867 Mbps[†] speed and simultaneous dual band WiFi technology, the R6100 avoids wireless interference, ensuring top WiFi speeds and reliable connections.



NETGEAR genie® Home Networking Simplified

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



Speed

Speed makes video streaming better. Speed makes online gaming more fun. Speed makes all your devices really go. And any place you need speed, with NETGEAR you got it. Fast download speeds up to 1200 Mbps. WiFi with dual band technology providing whole home coverage. Everything you need for a fast connected home.

Best WiFi Speed



AC1200 WIFI—Up to 300+867 Mbps†

WiFi Range

Homes come in all shapes and sizes. The NETGEAR R6100 WiFi Router provides WiFi connectivity throughout your home for all your Internet-enabled devices.

Better WiFi Range



BETTER RANGE—Wireless coverage for your entire home

Sharing

Relive memories and share them with others. Find photos, videos and music stored on a shared USB hard drive and enjoy them on your DLNA TV right from your couch. If it's secure and shared storage access you want, NETGEAR has easy ways to do it.

Share & stream your movies, music, photos



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



READYSHARE® USB ACCESS—Wirelessly access & share USB hard drives via one (1) USB 2.0 port

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous Dual Band WiFi provides two separate WiFi networks—2.4GHz for legacy devices and 5GHz which is less interference-prone for media streaming. The advanced QoS technology provides higher priority for media streaming application for smoother HD video streaming and low latency online gaming.

Enjoy high-performance connectivity throughout your home



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



ADVANCED QoS—Optimized for smooth HD streaming & gaming

Ease Of Use

NETGEAR makes it easy to do more with your digital devices. Manage your network with genie® App—a personal, icon-based dashboard that can control and monitor all your devices. Or, use Push 'N' Connect to add devices to your WiFi network with a push of a button. And the simple browser-based installation with no CD makes router installation easy using an iPad, tablet, smartphone, or computer.

Simple network management



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

Keep your Internet browsing experience safe and secure with the free parental controls. It allows you to limit access to certain web sites at certain times. For example no social networking or gaming site access after dinner time. Guest networks create a completely separate WiFi network for your guests' devices, ensuring they do not have access to your home network or to the shared USB hard drive with all your personal data. Secure WiFi connections offer the highest level of WPA/WPA2 security.

Safeguard your network



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

Applications

With the R6100 WiFi Router create a powerful home network for applications such as lag-free multiple HD streaming, multi-player online gaming, ultra-fast, reliable connection to the Internet and a secure wireless connection.

Ideal uses



EMAIL, CHAT, SURF, MUSIC, VIDEO—Enjoy a fast, reliable and secure wireless connection to the Internet



ONLINE GAMING—Optimized for multi-player with no lags

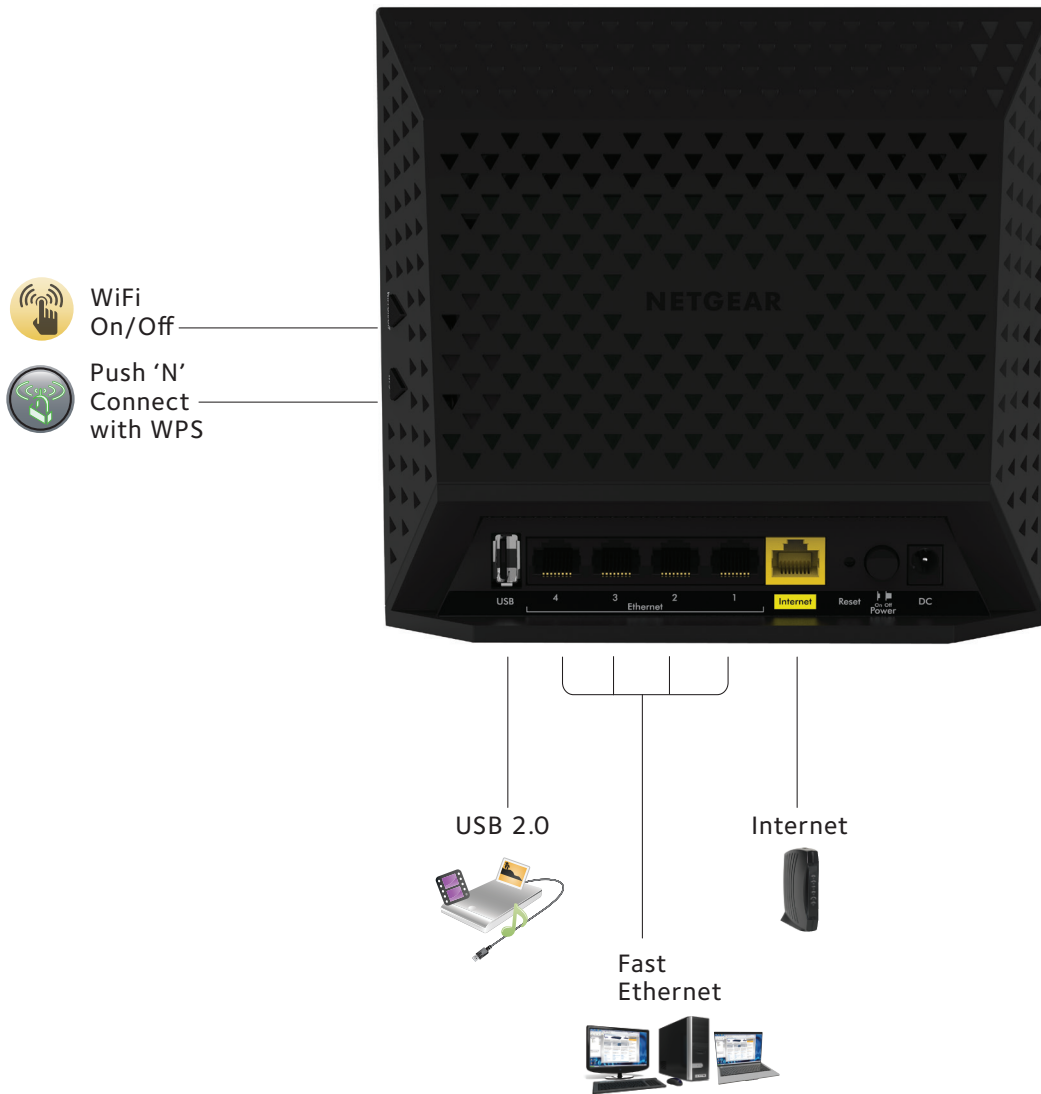


HD STREAMING—Enjoy high-quality HD streaming



MULTIPLE HD STREAMING—Optimized for a smooth, lag-free multiple HD streaming experience

Connection Diagram



PACKAGE CONTENTS

- R6100 WiFi Router
- Ethernet cable
- Power adapter, localized to country of sale
- Quick install guide

PHYSICAL SPECIFICATIONS

- Dimensions: 180 x 170 x 60 mm
(7.08 x 6.69 x 2.36 in)
- Weight: 322 g (0.71 lb)

WARRANTY

- Warranty localized to country of sale

SUPPORT

- 24/7 basic technical phone support for 90 days from date of purchase

TECHNICAL SPECIFICATIONS

- Simultaneous Dual Band WiFi—2.4 & 5GHz
- WiFi Transmitters/Receivers (Tx/Rx)
 - 2x2 (2.4GHz) + 2x2 (5GHz)
- 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)

STANDARDS

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

SYSTEM REQUIREMENTS

- Microsoft® Windows 7, 8, 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 2x2 300 Mbps adapter like Centrino® 6205 or 802.11ac adapter like NETGEAR A6200 for maximum performance

SECURITY

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



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 it or its components may have been recycled.

†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, interference, and building construction may lower actual data throughput and wireless coverage. Up to 867 Mbps wireless speeds achieved on AC1200 when connecting to other 802.11ac 867 Mbps devices. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

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