NETGEAR®

R6100 WiFi Router—AC1200 Dual Band

Performance & Use

AC1200

1200
DUAL BAND
300+900

RANGE

- 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 entire home. The R6100 provides access that is three times faster than similar 802.11n technology. It delivers the speed and reliability for HD streaming and online gaming throughout your home, through 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, this router is also backward compatible with 802.11 a/b/g/n devices. With up to 300+867 Mbps[†] speed and simultaneous dual band WiFi technology, the R6100 avoids wireless interference for smooth media streaming. Advanced features include ReadySHARE USB access for wirelessly accessing and sharing USB storage.

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

GET IT ON Google play

Available on the App Store

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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

NETGEAR®

R6100 WiFi Router—AC1200 Dual Band

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

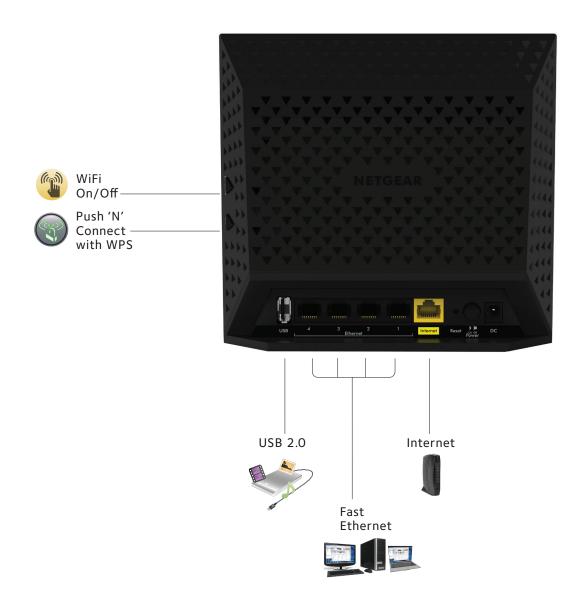HD STREAMING—Enjoy high-quality HD streaming

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

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Connection Diagram

WiFi
On/Off

Push 'N'
Connect
with WPS

USB

4   3   2   1
Ethernet

Internet   Reset   On Off
Power   DC

USB 2.0

Internet

Fast
Ethernet

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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

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