



Performance & Use

- WiFi speeds up to 300+700Mbps[†]
- Upgrade your WiFi to support new AC devices
- Works with all N150, N300, N600 and AC devices
- NETGEAR genie® app—Easily manage your home network

The NETGEAR Difference - R6080

- Faster WiFi—Now up to 1000Mbps[†]
- Backward compatible with 802.11n

Overview

The NETGEAR AC1000 Dual Band WiFi Router is an incredibly fast router delivering AC1000 WiFi speeds. This router offers improved performance and wireless coverage for your entire home. It provides access that is three times faster than similar 802.11n technology, and delivers the speed and reliability for HD streaming and online gaming throughout your home, through a secure and reliable connection to the Internet. This router 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+700Mbps[†] speed and simultaneous dual band WiFi technology, it avoids wireless interference for smooth media streaming.

NETGEAR genie®—Home Networking Simplified

NETGEAR genie makes getting the most out of your home network fun & easy. NETGEAR genie allows you to easily monitor, connect & control your home network from an iPhone®, iPad® or Android® devices. With NETGEAR genie you can share & stream music or videos, diagnose & repair network issues, set up parental controls & more.

- Network Map—Allow or block access to your network using real-time map of connected devices
- Traffic Meter—Track your Internet data usage
- MyMedia®—Find & play media files in your network
- EZ Mobile Connect—Scan QR code to connect to your home network
- For iPhone®, iPad®, and 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 1000Mbps. WiFi with dual band technology providing whole home coverage. Everything you need for a fast connected home.

Best WiFi Speed



AC1000 WIFI—Up to 300+700Mbps†

WiFi Range

Homes come in all shapes and sizes. The AC1000 Dual Band WiFi Router provides WiFi connectivity throughout your home for all your Internet-enabled devices.

Better WiFi Range



BETTER RANGE—WiFi coverage throughout your large home

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.

Enjoy high-performance connectivity throughout your home



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

Ease Of Use

NETGEAR makes it easy to do more with your digital 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



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



WiFi SCHEDULE ON/OFF—Schedule your WiFi On/Off time for better power savings



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

Security

Guest networks create a completely separate WiFi network for your guests' devices so 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 high level WPA/WPA2 security.

Safeguard your network



GUEST NETWORK ACCESS—Separate & secure access for guests



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

Applications

With the AC1000 Dual Band 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

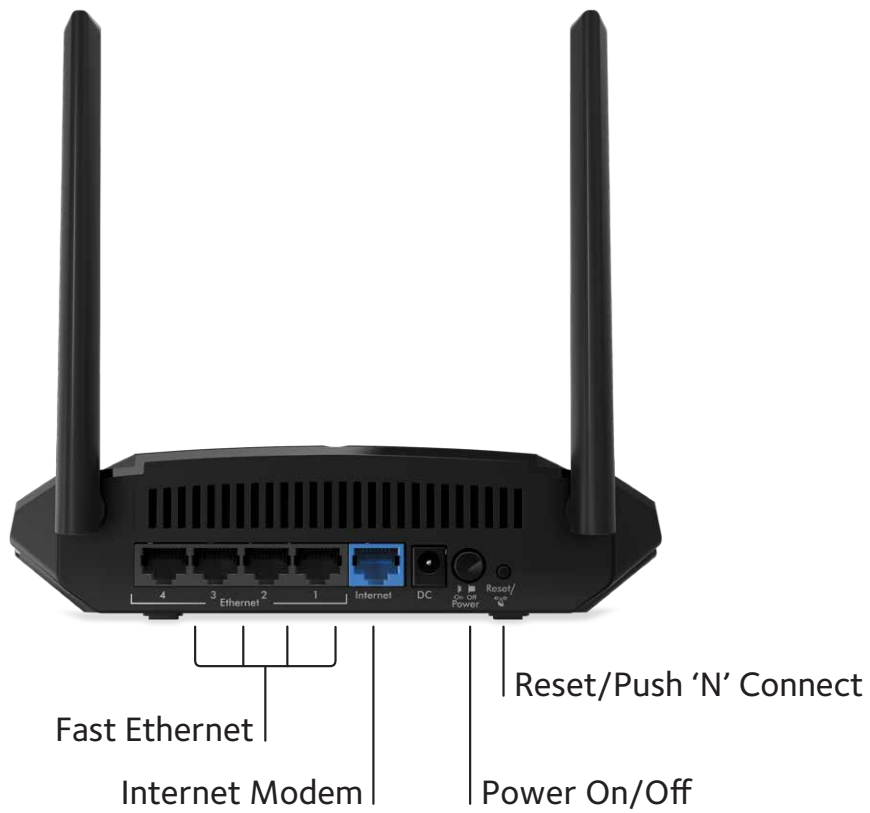


HD STREAMING—Enjoy high-quality HD streaming



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

Connection Diagram



PACKAGE CONTENTS

- AC1000 Dual Band WiFi Router
- Ethernet cable
- Quick start guide
- Power adapter

PHYSICAL SPECIFICATIONS

- Dimensions: 7.2 x 5.4 x 1.8 in (185 x 136.5 x 46 mm)
- Weight: 0.55 lb (250 g)

WARRANTY

- www.netgear.com/warranty

SUPPORT

- 90-day complimentary technical support*

TECHNICAL SPECIFICATIONS

- Simultaneous Dual Band WiFi—2.4 & 5GHz
- WiFi Transmitters/Receivers: 2x2 (2.4GHz) + 2x2 (5GHz)
- IPv6 support (Internet Protocol Version 6)

STANDARDS

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

SYSTEM REQUIREMENTS

- Microsoft® Windows 7, 8, 10, 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
- Broadband (cable, DSL) Internet service and modem with Ethernet connection
- Use with the A6210 WiFi USB Adapter with 802.11ac Dual Band for maximum performance

SECURITY

- WiFi Protected Access® (WPA/WPA2—PSK)
- NAT firewall protection



This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

*90-day complimentary technical support following purchase from a NETGEAR authorized reseller.

†Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards.

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