



Performance & Use

AC1200



- AC1200 WiFi—300+867 Mbps¹ speeds
- External antennas for improved WiFi coverage
- Ideal for homes with 8 or more WiFi devices
- NETGEAR genie® App—Enjoy more of your connected home

The NETGEAR Difference - R6220

- 880MHz processor delivers high-performance connectivity
- USB 2.0 port—Wirelessly access & share USB hard drive
- Connectivity for dual band WiFi devices like iPad®/iPhone5®

Overview

The NETGEAR AC1200 Smart WiFi Router is an incredibly fast router delivering AC1200 WiFi and Gigabit Ethernet speeds. External antennas provide improved WiFi coverage for larger homes. This router offers 3x faster speed than similar 802.11n and more reliable streaming for mobile phones and tablets. It delivers the speed and reliability needed for applications such as lag-free multiple HD video streaming, multi-player gaming, ultra-fast speed and a secure and reliable connection to the Internet. The AC1200 Smart WiFi Router 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 Mbps¹ speed and simultaneous dual band WiFi technology, it avoids wireless interference, ensuring top WiFi speeds and reliable connections. These technologies also provide ultimate connectivity for dual band wireless devices like iPad® and iPhone5®. The 880MHz processor delivers high-performance connectivity, while the USB 2.0 port provides wireless access and sharing of USB hard drives.



NETGEAR genie® Home Networking Simplified

- Home network manager
- Turbo Transfer—Share files within your home network between PC, Mac® or Android™
- 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 HD video better. Speed makes online gaming awesome. Speed makes all your devices really go. And anyplace you need speed, with NETGEAR you got it. Extreme download speeds up to 300+867 Mbps. Next generation 11ac WiFi with dual band technology providing whole home coverage with Gigabit wired and wireless connection. Everything you need for a fast, fast, fast connected home.

Ultimate WiFi Speed



AC1200 WiFi—Up to 300+867 Mbps¹



GIGABIT WIRED—Ideal for HD gaming & video

WiFi Range

Homes come in all shapes and sizes. The NETGEAR AC1200 Smart WiFi Router provides WiFi connectivity throughout your home for all your Internet-enabled devices.

Ultimate WiFi Range



BETTER RANGE—Wireless coverage for large homes

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 drive via one (1) USB 2.0 port



READYSHARE® PRINTER—Wirelessly access & share a USB printer

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)

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 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



PARENTAL CONTROLS—Manage web filtering and accessibility by profiles or devices



GUEST NETWORK ACCESS—Separate & secure access for guests



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



PERSONAL FTP SERVER—Customized free URL to create FTP server

Applications

With the AC1200 Smart 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

- AC1200 Smart WiFi Router (R6220)
- Ethernet cable
- Quick Start Guide
- Power adapter, localized to country of sale

PHYSICAL SPECIFICATIONS

- Dimensions: 239.65 x 181.45 x 40.6 mm (9.43 x 7.14 x 1.59 in)
- Weight: 385 g (0.84 lb)

WARRANTY

- www.netgear.com/about/warranty/

SUPPORT

- 24/7 90-day complimentary technical support*

TECHNICAL SPECIFICATIONS

- Simultaneous Dual Band WiFi—2.4 & 5 GHz
- WiFi Transmitters/Receivers (Tx/Rx)
 - 2x2 (2.4GHz) + 2x2 (5GHz)
- Powerful 880MHz processor
- WiFi Boost with high-powered radio amplifiers
- Memory: 128 MB flash and 128 MB RAM
- Advanced Quality of Service (QoS)
- Enhanced Parental Controls to manage web filtering & accessibility by profiles or devices

STANDARDS

- One (1) USB 2.0 port
- IEEE* 802.11 b/g/n 2.4GHz
- IEEE 802.11 a/n/ac 5GHz
- Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit 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
- Use laptop with 2x2 300 Mbps adapter like Centrino® 6205/6235, 3x3 450 Mbps adapter like Centrino® 6300/5300, or 802.11ac adapter like NETGEAR A6210 for maximum performance

SECURITY

- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention
- Free custom URL using NETGEAR Dynamic DNS service



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 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.

The country settings must be set to the country where the device is operating.

Intended for indoor use only in EU member states, EFTA states, and Switzerland.

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