

Performance & Use

- AC1200 - 300+900Mbps[†] speeds
- For up to 20 devices and 1200 square foot coverage
- Nighthawk® App—Easily set up and monitor your home network
- 880MHz processor delivers high-performance connectivity
- USB 2.0 port --Wirelessly access & share USB hard drive
- Great for 4K streaming, online gaming, and Smart Home devices
- Ultimate connectivity for latest dual band WiFi devices such as smartphones, tablets, smart TVs, and more



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. 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+900Mbps[†] 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 the latest dual band mobile devices like iPads and iPhones. The 880MHz processor delivers high-performance connectivity, while the USB 2.0 port provides wireless access and sharing of USB hard drives.

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+900Mbps†. 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.



EXTREMELY FAST WIFI—Up to 300+900Mbps†

WiFi Range

Homes come in all shapes and sizes. The Better WiFi Range NETGEAR AC1200 Smart WiFi Router with high-powered external antennas provides WiFi connectivity throughout your home for all your Internet-enabled devices.



BETTER RANGE—WiFi coverage throughout your 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. The advanced QoS technology provides higher priority for media streaming, which gives you smoother HD video streaming and low-latency online gaming.



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



ADVANCED QoS—Optimized for smooth HD streaming & gaming

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.



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



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

Ease Of Use

Start enjoying your new device faster than ever. NETGEAR wants to make sure installation and management is simple & easy, so you can connect quickly & make sure you stay that way!



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



NIGHTHAWK® APP—Easily set up and monitor your home network



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



WiFi & POWER ON/OFF—Convenient power savings

Security

Maintain high security across your network to ensure your privacy & family is safe while online. Whether it's preventing phishing & spyware or just limiting access to your home network, NETGEAR has you covered.



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



GUEST NETWORK ACCESS—Separate & secure access for guests



SECURE WiFi CONNECTIONS—Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)

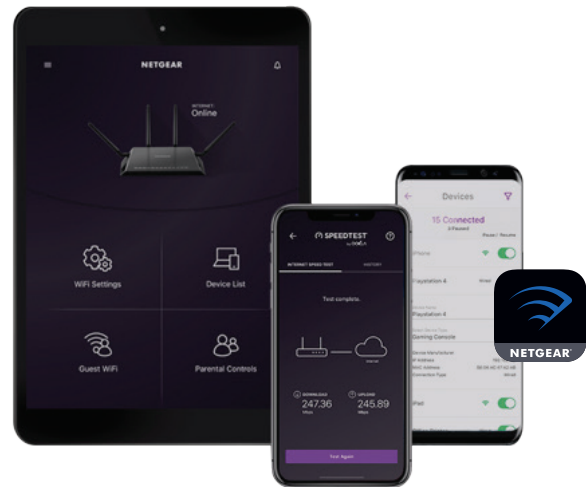


PERSONAL FTP SERVER—Customized free URL to create FTP server

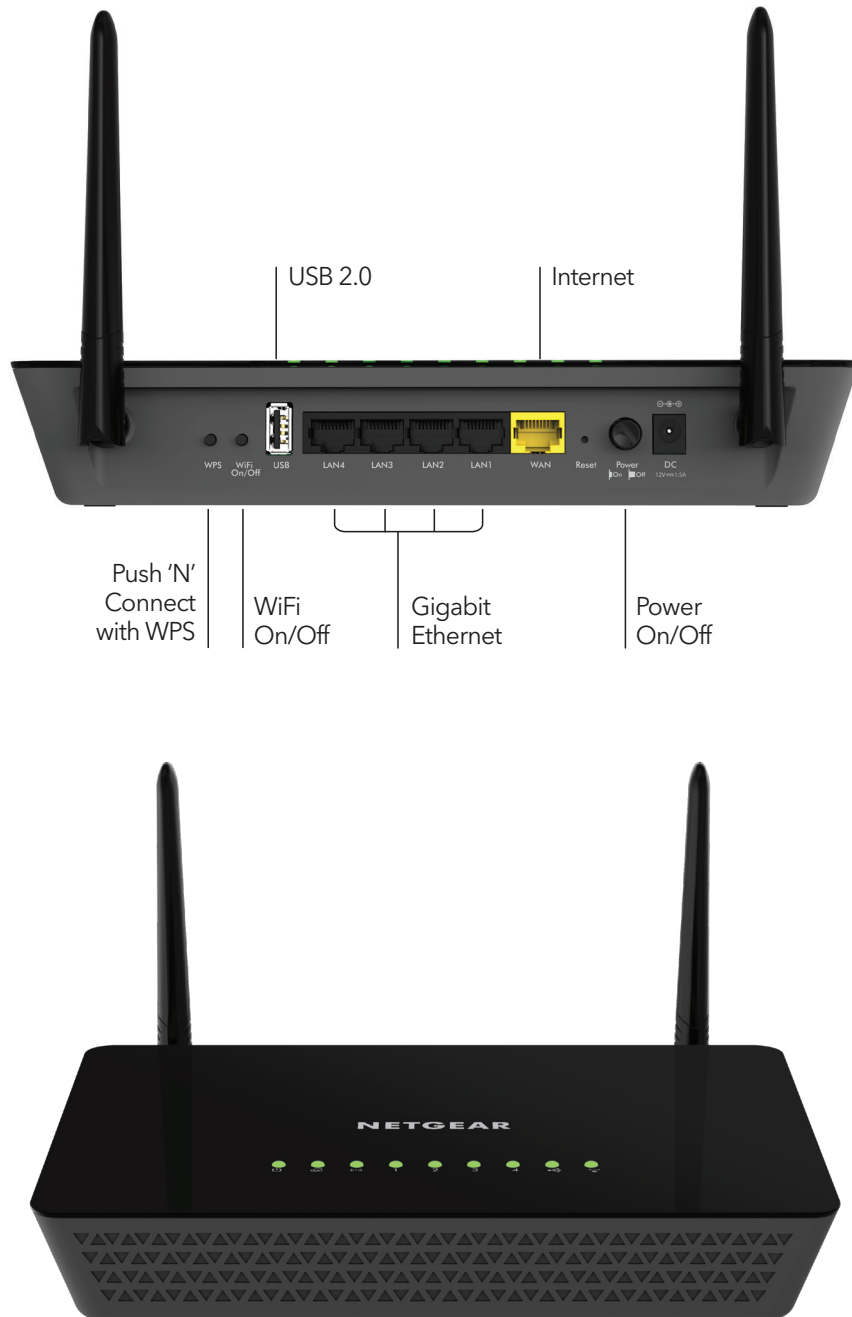
Nighthawk® App

The Nighthawk® App makes it easy to set up your router and get the most out of your WiFi. With the app, you can install your router in few steps—just connect your mobile device to the router network and the app will walk you through the rest. Once set up, you can use the intuitive dashboard to manage your connected devices, check your Internet connection speeds and much more!

- Remote Management—Easily monitor your home network anytime, anywhere
- Pause Internet—Pause the Internet to any device
- Traffic Meter—Track Internet data usage
- Guest Networks—Setup separate WiFi access for guests
- Quick Setup—Get connected in just minutes



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)

Technical Specifications

- AC1200 (300+900Mbps)[†]
- 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-power radio amplifiers
- Memory: 128 MB flash and 128 MB RAM
- Advanced Quality of Service (QoS)
- IPv6 Support (Internet Protocol Version 6)
- 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) 10/100/1000Mbps (1 WAN and 4 LAN) Gigabit Ethernet ports with auto-sensing technology

Security

- Standards-based WiFi Security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention
- Free custom URL using NETGEAR Dynamic DNS service

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 300Mbps adapter like Centrino® 6205/6235, 3x3 450Mbps adapter like Centrino® 6300/5300, or 802.11ac adapter like NETGEAR A6210 for maximum performance

Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller.
- Join the NETGEAR Community Forum. Visit <http://community.netgear.com>

Warranty

- www.netgear.com/warranty/
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: prosupport.netgear.com/home

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

[†]Up to 1200Mbps wireless speeds achieved when connecting to other 802.11ac 1200Mbps devices. 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.

©2020 NETGEAR, Inc. NETGEAR, the NETGEAR Logo, ReadySHARE, ReadyCLOUD, and Nighthawk are trademarks of NETGEAR, Inc. Mac, Mac OS, iPad, and the Mac logo are trademarks of Apple Inc. App Store is a service mark of Apple Inc., registered in the U.S. and other countries. Google Play and the Google Play logo are trademarks of Google Inc. Any other trademarks on this package are for reference purposes only. This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.