

Performance & Use

- AC1600 WiFi—300+1300Mbps[†] speeds
- Best wireless coverage for large homes
- Ideal for homes with 10 or more WiFi devices
- Nighthawk® App—Easily set up and monitor your home network
- Beamforming+—Faster, more reliable connections
- Dual-core 800MHz processor delivers high-performance connectivity
- USB 3.0 port—Up to 10x faster USB hard drive access
- Ultimate connectivity for latest dual band WiFi devices such as smartphones, tablets, smart TVs, and more

**Overview**

The NETGEAR R6250 Smart WiFi Router with AC dual band Gigabit delivers AC1600 WiFi and Gigabit Ethernet speeds. It offers the best wireless coverage for large homes and is ideal for homes with 10 or more wireless devices. It gets 3x faster access than similar 802.11n technology and more reliable streaming for home computers and WiFi mobile devices. This router delivers the speed and reliability needed

for applications such as smooth, lag-free multiple HD video streaming, multi-player gaming, ultra-fast speed and a secure reliable connection to the Internet. The R6250 also includes Nighthawk App 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+1300Mbps[†] speed and simultaneous dual band WiFi technology, the R6250 avoids wireless interference, ensuring top WiFi speeds and reliable connections. This technology also provides the best connectivity for the latest dual band wireless devices. The dual-core 800MHz processor delivers high-performance connectivity, while the USB 3.0 port provides up to 10x faster USB hard drive access.

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+1300Mbps. 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.



AC1600 WIFI—Up to 300+1300Mbps†



GIGABIT WIFI—Next-generation WiFi now at Gigabit speeds



GIGABIT WIRED—Ideal for HD gaming & video

WiFi Range

Homes come in all shapes and sizes. The NETGEAR R6250 Smart WiFi Router with additional high-power amplifiers provides WiFi connectivity throughout your home for all your Internet-enabled devices.



BEST RANGE—Wireless coverage for large homes

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.



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



ADVANCED QOS—Optimized for smooth HD streaming & gaming



BEAMFORMING+—Boosts speed, reliability, & range of WiFi connections

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 drive via one (1) USB 3.0 port



ONE SUPERSPEED USB 3.0 PORT—Up to 10x faster than USB 2.0

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! 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.



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



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

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.



GUEST NETWORK ACCESS—Separate & secure access for guests



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

Beamforming+—For More Reliable Connections

Unlike typical WiFi routers that just blast the WiFi signals in all directions, with Beamforming+ the router & device communicate with each other, so the router can directly beam the WiFi signal to the device. Boosting speed, reliability, and range for both Implicit and Explicit 2.4 & 5GHz WiFi devices, the result is a stronger, faster, more reliable connection that is locked in even when the device is moved around the home.

- WiFi Signal Focus—Focuses signals from the wireless router to WiFi devices like smartphones, tablets & laptops
- Automatic Signal Management—Checks with your device to keep WiFi signal at its optimal strength
- Device Connections—Designed for home environments to support multiple WiFi device connections for highest quality
- WiFi Coverage—Reduces dead spots, & boosts signal strength
- Implicit & Explicit Beamforming boosts speed, reliability & range for both 2.4 & 5GHz WiFi—an industry first

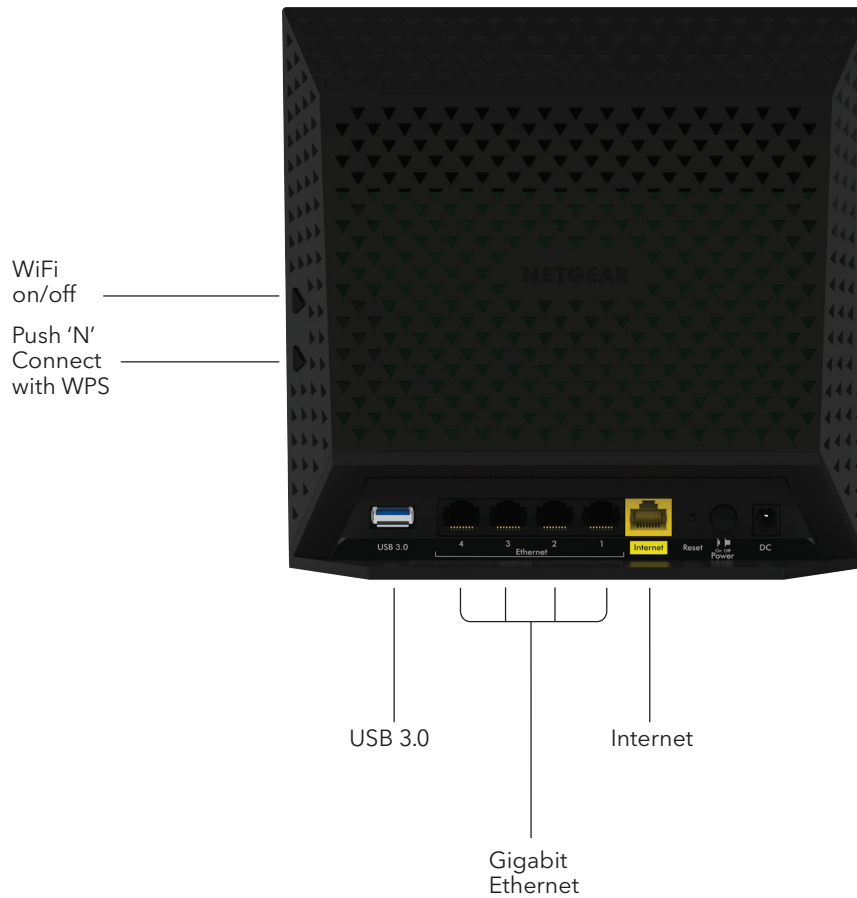
Nighthawk® App

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 pause the Internet on your connected devices, run a quick Internet speed test, and much more!

- Anywhere Access—Easily monitor your home network anytime, anywhere
- Internet Speed Test—Check the broadband speeds from your service provider
- 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
- Get it at nighthawk-app.com



Connection Diagram



Package Contents

- R6250 Smart WiFi Router (R6250)
- Ethernet cable
- Quick install guide
- Power adapter, localized to country of sale

Physical Specifications

- Dimensions: 191 x 198.5 x 65 mm (7.5 x 7.79 x 2.55 in)
- Weight: 417g (.91 lb)

Technical Specifications

- Simultaneous dual band WiFi—2.4 & 5GHz
- Beamforming+—Smart, signal-focusing technology boosts the speed, reliability & range of your WiFi connections
- WiFi transmitters/receivers (Tx/Rx) - 2x2 (2.4 GHz) + 3x3 (5 GHz)
- Powerful dual-core 800MHz processor
- WiFi Boost with high-power radio amplifiers
- Memory: 128 MB flash and 256 MB RAM
- Advanced Quality of Service (QoS)
- IPv6 support (Internet Protocol Version 6)

Standards

- One (1) USB 3.0 port
- IEEE® 802.11 b/g/n 2.4GHz
- IEEE 802.11 a/n/ac 5.0GHz
- Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit 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 3x3 300Mbps adapter like Centrino® 6300/5300, or 802.11ac adapter like NETGEAR A6200 for maximum performance

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

Warranty

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

Support

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



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 be lowered by network and environmental conditions, including network traffic volume, device limitations, and building construction. NETGEAR makes no representations or warranties about this product's compatibility with future standards. Up to 1600Mbps wireless speeds achieved when connecting to other 802.11ac 1600Mbps devices.

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