Performance & Use

- AC1600 WiFi—300+1300 Mbps\(^1\) speeds
- Best wireless coverage for large homes
- Ideal for homes with 10 or more WiFi devices
- NETGEAR genie\(^a\) App—Enjoy more of your connected home

The NETGEAR Difference - R6250

- Beamforming+—Faster, more reliable connections
- Dual-Core 800 MHz processor delivers high-performance connectivity
- USB 3.0 port—Up to 10x faster USB hard drive access
- Best connectivity for dual band WiFi devices like iPad\(^a\)/iPhone5\(^a\)

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. The R6250 gets 3x faster access than similar 802.11n technology and more reliable streaming for home computers and WiFi mobile devices. The R6250 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 NETGEAR genie\(^a\) 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+1300 Mbps\(^1\) 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 dual band wireless devices like iPad\(^a\) and iPhone5\(^a\). The dual-core 800 MHz processor delivers high-performance connectivity, while the USB 3.0 port provides up to 10x faster USB hard drive access.

Beamforming+—For More Reliable Connections

- Focuses WiFi signals from the wireless router to WiFi devices like smartphones, tablets and laptops
- Automatic signal management checks with your device to keep WiFi signal at its optimal strength
- Designed for home environments to support multiple WiFi device connections for highest quality
- Extends WiFi coverage, reduces deadspots, and boosts signal strength

BEAMFORMING+

For more reliable connections.
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+1300 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

- AC1600 WIFI—Up to 300+1300 Mbps†
- 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.

Ultimate WiFi Range

- BEST RANGE—Wireless coverage for large homes

NETGEAR genie® Home Networking Simplified

- Easy to install—no CD required
- User-friendly dashboard to monitor, control and repair your home network
- Connect smartphones & tablets to your network by scanning a QR code using EZ Mobile Connect
- MyMedia™ app—use your smartphone to find & play media remotely on any DLNA device
- AirPrint®—print on any USB printer from your iPad® or iPhone®
- Live Parental Controls, guest network access, broadband usage meter, one-click fix for common network issues, and more
- For PC, Mac®, iPhone®, iPad® & Android™ devices
R6250 Smart WiFi Router – AC Dual Band Gigabit

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 3.0 port
- READYSHARE® PRINTER—Wirelessly access & share a USB printer
- ONE SUPERSPEED USB 3.0 PORT—Up to 10x faster than USB 2.0

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

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 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**—Web filtering for all your connected devices
- **GUEST NETWORK ACCESS**—Separate & secure access for guests
- **SECURE WIFI CONNECTIONS**—High level wireless security with WPA/WPA2

**Connection Diagram**

![Diagram of R6250 Smart WiFi Router](image)

- **WiFi On/Off**
- **Push ‘N’ Connect with WPS**
- **USB 3.0**
- **Internet**
- **Gigabit Ethernet**
This product is packaged with a limited warranty, the acceptance of which is a condition of sale. This product has been tested for quality assurance and this product or its components may have been recycled.

†Maximum wireless signal rate derived from IEEE standard 802.11 specifications. Actual data throughput and wireless coverage will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate and wireless coverage. Up to 1300 Mbps wireless speeds achieved on AC1600 when connecting to other 802.11ac 1300 devices. NETGEAR makes no express or implied representations or warranties about this product’s compatibility with any future standards.

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