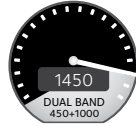




Performance & Use

AC1450



- Next Generation Gigabit WiFi Speeds
- Connect more devices throughout your home
- USB 3.0 port—Up to 10 faster than USB 2.0
- Perfect for online gaming and video streaming

The NETGEAR Difference – AC1450

- 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
- Best connectivity for dual band WiFi devices like iPad®/iPhone5®

Overview

The NETGEAR AC1450 Smart WiFi Router with 802.11ac dual band Gigabit delivers next generation Gigabit WiFi speeds. It allows you to connect more devices throughout your home and is perfect for online gaming and video streaming.

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 450+975 Mbps[†] speed and simultaneous dual band WiFi technology, the AC1450 avoids wireless interference, ensuring top WiFi speeds and reliable connections. In addition, Beamforming+ technology boosts speed, reliability and range of WiFi connections. This technology also provides the best connectivity for dual band wireless devices like iPad® and iPhone5®. 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.



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



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 450+975 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



AC1450 WIFI—Up to 450+975[†] 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 AC1450 Smart WiFi Router with Beamforming+ provides WiFi connectivity throughout your home for all your Internet-enabled devices.

Ultimate WiFi Range



ULTIMATE RANGE—WiFi coverage throughout your home

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 1 USB 3.0 & 1 USB 2.0 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. Beamforming+ technology boosts speed, reliability and range of WiFi connections. 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



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



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)



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, ensuring 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 the highest level of WPA/WPA2 security.

Safeguard your network



PARENTAL CONTROLS—Web filtering for all your connected devices

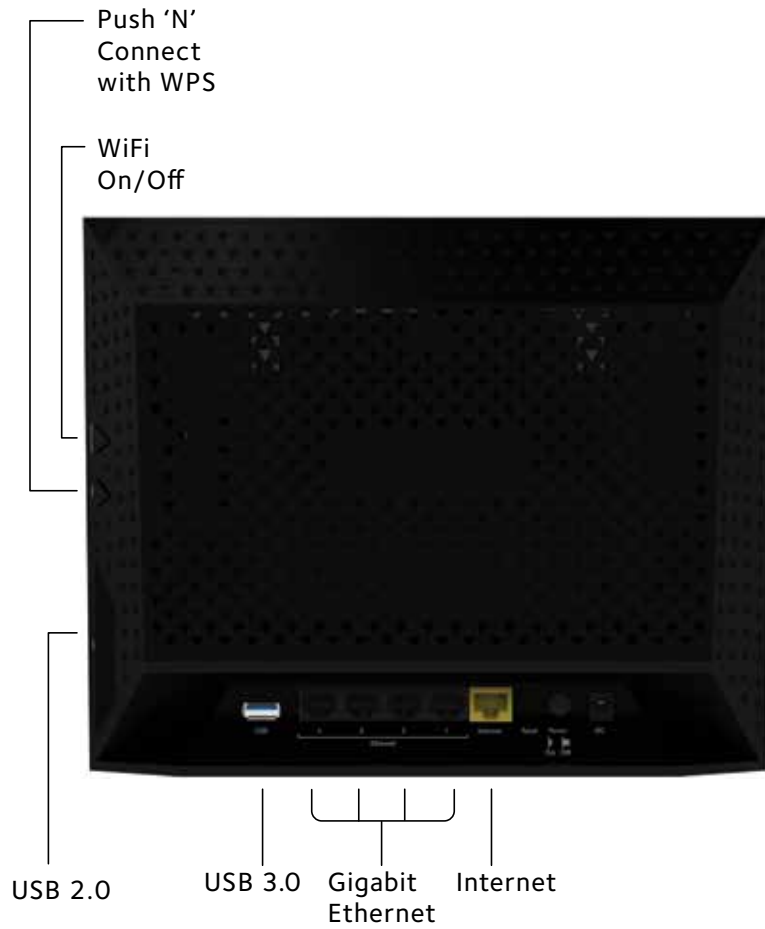


GUEST NETWORK ACCESS—Separate & secure access for guests



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

Connection Diagram



ULTIMATE WIFI ROUTERS						
Model No.	Technology†	WiFi Range	WiFi Speed - 2.4GHz Band†	WiFi Speed - 5GHz Band†	USB Ports	Internal WiFi Antennas
R6200	AC1200	»»»»»»»»»»	300 Mbps	867 Mbps	One (1)	4
R6250	AC1600	»»»»»»»»»»	300 Mbps	1300 Mbps	One (1)	5
R6300	AC1750	»»»»»»»»»»	450 Mbps	1300 Mbps	Two (2)	6
AC1450	AC1450	»»»»»»»»»»	450 Mbps	975 Mbps	Two (2)	6

PACKAGE CONTENTS

- AC1450 Smart WiFi Router
- 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: 430 g (0.94 lb)

WARRANTY

- Warranty localized to country of sale

SUPPORT

- Free phone technical support provided for 90 days from date of purchase

TECHNICAL SPECIFICATIONS

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

STANDARDS

- Two (2) USB ports—one USB 3.0 and one USB 2.0 port
- IEEE® 802.11 b/g/n 2.4 GHz
- IEEE 802.11 a/n/ac 5.0 GHz
- 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 300 Mbps adapter like Centrino® 6300/5300, or 802.11ac adapter like NETGEAR A6200 for maximum performance

SECURITY

- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT firewall)
- Denial-of-service (DoS) attack prevention



*24/7 basic technical phone support provided for 90 days from purchase date.

¹Maximum 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. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

²Up to 975 Mbps wireless speed achieved when connecting to other 802.11ac 3 x 3 devices.

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.

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