



### Performance & Use

#### AC1200



- Built-in ADSL2+ Modem
- AC1200 WiFi—300+867<sup>†</sup> Mbps speeds
- Ideal for homes with 8 or more WiFi devices
- NETGEAR® genie® App for computers & smartphones
- Ethernet WAN—Future-proof your network

### The NETGEAR Difference - D6200

- Beamforming+—Faster, more reliable connections
- Share your USB hard drive or multi-function printer
- Connectivity for dual band WiFi devices like iPad®/iPhone5®

### Overview

The NETGEAR AC1200 WiFi DSL Modem Router is an incredibly fast modem router delivering AC1200 WiFi and Gigabit Ethernet speeds. This DSL modem router with built-in ADSL2+ modem offers the ultimate performance in wireless coverage for large homes with 8 or more devices. With the AC1200 WiFi DSL Modem Router you get 3x faster access than similar 802.11n technology and more reliable streaming. 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. It 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, this modem router enables HD streaming throughout your home. With up to 300+867<sup>†</sup> and simultaneous dual band WiFi technology, it avoids wireless interference, ensuring top WiFi speeds and reliable connections. In addition, Beamforming+ technology boosts speed, reliability and range of WiFi connections. These technologies also provide ultimate connectivity for dual band wireless devices like iPad® and iPhone5®.

### BEAMFORMING+



For more  
reliable connections.

### 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



### 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 Mbps†



GIGABIT WIRED—Ideal for HD gaming & video



CABLE OR FIBER—Also connects to cable modem via Gigabit Ethernet WAN port

### WiFi Range

Homes come in all shapes and sizes. The NETGEAR AC1200 WiFi DSL Modem Router with additional high-power amplifiers provides WiFi connectivity throughout your home for all your Internet-enabled devices.

#### Ultimate WiFi Range



ULTIMATE RANGE—Wireless 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



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—2.4 GHz for legacy devices and 5 GHz 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



**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**—Safer web surfing for all your connected devices



**GUEST NETWORK ACCESS**—Separate & secure access for guests



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

### Applications

With the AC1200 WiFi DSL Modem 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 gaming with no lags

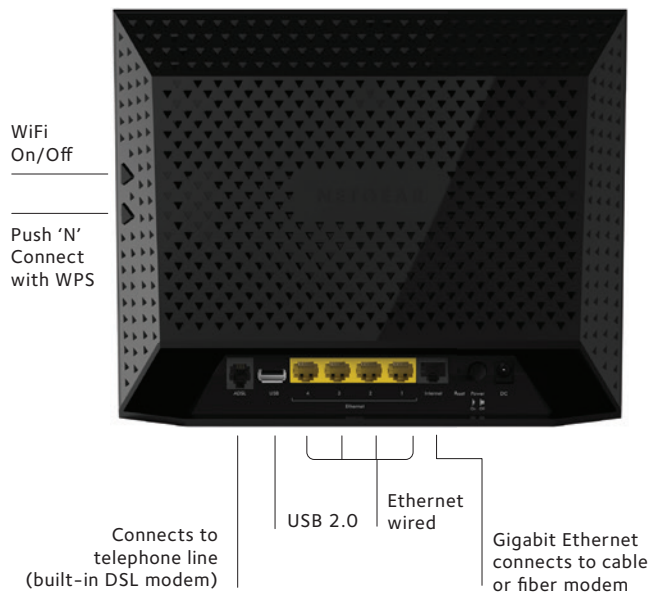


HD STREAMING—Enjoy high quality HD streaming



MULTIPLE HD STREAMING—Optimized for a smooth, lag-free multiple HD streaming experience

### Connection Diagram



### PACKAGE CONTENTS

- AC1200 WiFi DSL Modem Router (D6200)
- Ethernet cable
- Phone cable
- ADSL2+ phone filter
- Quick install guide
- Power adapter

### PHYSICAL SPECIFICATIONS

- Dimensions: 205 x 255 x 77 mm (8.07 x 10.04 x 3.03 in)
- Weight: 0.654 kg (1.44 lb)

### WARRANTY

- For details visit [www.netgear.com/about/warranty/](http://www.netgear.com/about/warranty/)

### SUPPORT

- 24/7 basic technical phone support for 90 days from date of purchase

### TECHNICAL SPECIFICATIONS

- High-speed ADSL2+ modem built-in
- Simultaneous Dual Band WiFi—2.4 & 5GHz
- Beamforming+ — Smart, signal-focusing technology boosts the speed, reliability & range of your WiFi connections
- Push 'N' Connect—Easy push button WiFi connections (WPS)
- WiFi Transmitters/Receivers (Tx/Rx) - 2x2 (2.4 GHz) + 2x2 (5 GHz)
- WiFi Boost with high-powered radio amplifiers
- Memory: 128 MB flash and 128 MB RAM
- Advanced Quality of Service (QoS)
- IPv6 Supported (Internet Protocol Version 6)

### STANDARDS

- One (1) USB 2.0 port
- One (1) ADSL2+ 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

- Broadband Internet service
  - ADSL2+ broadband Internet service
  - Cable or fiber: Connects to cable modem via Gigabit Ethernet WAN port
- 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 2x2 300 Mbps adapter like Centrino® 6205/6235, 3x3 450 Mbps adapter like Centrino® 6300/5300 for maximum performance
- Use with an 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



This product comes with a limited warranty that is valid only if purchased from a NETGEAR authorized reseller.

\*24/7 basic technical phone support provided for 90 days from purchase date when purchased from a NETGEAR 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. 802.11ac 867 Mbps is approximately 3x faster than 802.11n 300 Mbps.

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