

Performance & Use

- Built-in DOCSIS® 3.0 cable modem
- AC1200 WiFi—300+900 Mbps†
- DOCSIS 3.0 16x faster Cable Internet speeds—Up to 680 Mbps†
- Save up to \$168 per year by eliminating monthly cable modem rental fees**
- Works with cable Internet providers like XFINITY® from Comcast, Spectrum®, Cox® & more



Overview

Get 16 times faster download speeds with this 2-in-1 AC1200 WiFi router and integrated DOCSIS 3.0 cable modem, with up to 680 Mbps†. Works with cable Internet providers like XFINITY® from Comcast, Spectrum®, Cox® & more.

The NETGEAR Difference - 6230

- Ultra-fast cable Internet speeds up to 680 Mbps†
- Compatible with current and next generation WiFi devices
- Supports 16 download & 4 upload channels for efficient & reliable Internet access
- Fast self-activation for XFINITY customers— get connected without a service call

Fast Cable Internet Access

- Up to 680 Mbps† download and upload speed for streaming videos, faster downloads, and high-speed online gaming
- Compatible with U.S. cable Internet providers like XFINITY® from Comcast, Spectrum®, Cox® & more
- DOCSIS® 3.0 is 8 times faster than DOCSIS 2.0 devices
- Save up to \$168 per year by eliminating monthly cable modem rental fees**
- Gigabit Ethernet ports—Fastest wired speeds to connect your router or computer

**Savings shown may vary by cable service providers.

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. Fast download speeds up to 680 Mbps[‡]. WiFi technology provides whole home coverage. Everything you need for a fast, connected home.



WiFi—Up to 300+900 Mbps[†]



DOCSIS 3.0—Up to 16x faster cable Internet speeds than 2.0



CHANNEL BONDING—Fastest Cable Internet speeds during peak hours



GIGABIT WIRED—Ideal for HD gaming & video streaming

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous dual band reduces WiFi interference. your Internet-enabled devices.



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

WiFi Range

Homes come in all shapes and sizes. The NETGEAR AC1200 WiFi Cable Modem Router provides better WiFi connectivity throughout your home for all your Internet-enabled devices.



BETTER RANGE—WiFi coverage for medium-sized homes

Sharing

Relive memories and share them with others. Enjoy photos, videos and music stored on a shared USB hard drive. 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 or share USB hard drive via the USB port

Ease of Use

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.



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



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



WiFi & POWER ON/OFF—Convenient power savings



NIGHTHAWK® APP—Easily set up your router and get more out of your WiFi. Includes remote access to manage your network away from home

Security

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



PARENTAL CONTROLS—Safer web surfing for all your connective devices



GUEST NETWORK ACCESS—Separate & secure access for guests



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

ISP Works with U.S. cable Internet providers XFINITY® from Comcast, Spectrum®, Cox® & more (not compatible with Cable bundled voice services). Please check your cable Internet service provider web site for data speed tier compatibility.

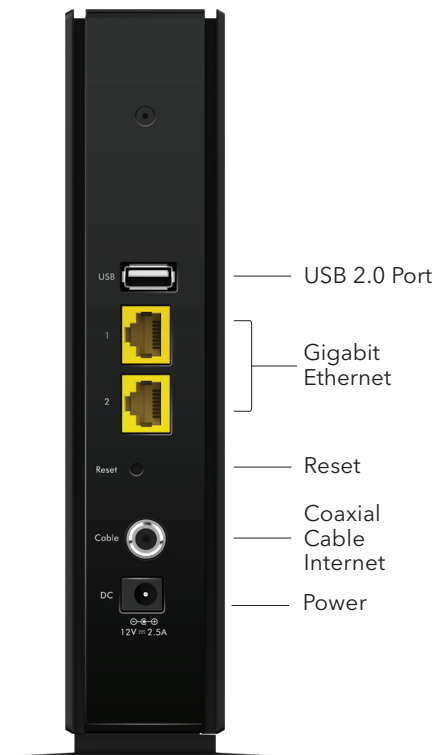
Nighthawk App

The NETGEAR Nighthawk® App makes it easy to set up your cable modem router and get more out of your WiFi.

- Pause Internet—Pause the Internet to any device
- Traffic Meter—Track Internet data usage
- Guest Networks—Set up separate WiFi access for guests
- Quick Setup—Get connected in just minutes
- Get it at nighthawk-app.com



Connection Diagram



Package Contents

- AC1200 WiFi Cable Modem Router (C6230)
- Ethernet cable
- Quick install guide
- Power adapter

Physical Specifications

- Dimensions: 8.14 x 2.91 x 4.88 in (207 x 74 x 124 mm)
- Weight: 0.79 lb (0.36 kg)

Warranty

- NETGEAR 1-year limited warranty

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
- Push 'N' Connect—Easy push button WiFi connections (WPS)

Support

- 90-day complimentary technical support*

Advanced Features

- Designed to meet DOCSIS 3.0 specifications and backward compatible with DOCSIS 2.0 devices
- Channel Bonding technology delivers fast download & upload speeds—Up to 680 Mbps[‡]
- IPv6 next generation Internet addressing support
- Two Gigabit Ethernet ports with auto-sensing technology

Technical Specifications

- Built-in high-speed 16x4 CableLabs[®] certified DOCSIS[®] 3.0 Modem
- 16 downstream & 4 upstream channels
- AC1200 simultaneous Dual Band WiFi—2.4 & 5GHz
- WiFi Transmitters/Receivers (Tx/Rx)—2x2 (2.4GHz) + 2x2 (5GHz)
- IPv6 Supported (Internet Protocol Version 6)

System Requirements

- Cable broadband Internet service
- Please check your cable Internet service provider web site for data speed tier compatibility
- Microsoft[®] Windows[®] 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

Standards

- One (1) USB 2.0 port
- One (1) coaxial port for cable Internet
- IEEE[®] 802.11 b/g/n 2.4GHz
- IEEE[®] 802.11 a/n/ac 5GHz
- Two (2) 10/100/1000 LAN Gigabit Ethernet ports with auto-sensing technology



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.

**Savings shown may vary by cable service provider

[†]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. NETGEAR makes no express or implied representations or warranties about this product's compatibility with any future standards.

[‡]Maximum rate is derived from DOCSIS[®] 3.0 specifications and actual throughput will vary depending on the MSO provisioning and speed tier subscription. Check your cable Internet service provider web site for data speed tier compatibility.

Customer-owned modems may not be compatible with certain cable networks. Please check with your cable provider to confirm this NETGEAR modem is allowed on your cable network.

This product not compatible with Cable bundled voice services.

For indoor use only.

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