

NIGHTHAWK®

Nighthawk® AC2600 Smart WiFi Router



Accelerate Your WiFi

Nighthawk® AC2600 Smart WiFi Router with Beamforming+ and three external antennas delivers WiFi to multiple devices simultaneously for faster

speeds. Get ultimate WiFi speeds of up to 2.53Gbps, with a powerful dual-core processor. Enjoy smoother streaming and gaming by prioritizing

application and device with advanced QoS. The NETGEAR Nighthawk® App allows you to easily set up and monitor your home network.

NETGEAR®

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GAMING | FOR THE WIN

- Extreme WiFi speed for gaming—Up to 2600Mbps
- Dual-core processor boosts wireless wired & WAN-to-LAN performance
- Advanced QoS for lag-free gaming
- Extreme range with three amplifiers & external antennas for best connectivity
- Beamforming+ for improved WiFi range & performance across both 2.4 and 5GHz devices



STREAMING | UNLIMITED HD

- Uninterrupted video streaming with advanced QoS for applications YouTube®, Netflix®, & others
- Implicit & Explicit Beamforming whole-home HD coverage across all your devices
- USB 3.0 for up to 10 times faster access to your stored media than USB 2.0
- DLNA® server to find and play your media on TVs and game consoles



MOBILE | UP TO 100% FASTER

- Implicit Beamforming improves WiFi speed & range on all mobile devices like iPhone®, iPad® & Android®
- Explicit Beamforming boosts speed & range for the newest WiFi 5 (802.11ac) devices
- Three external antennas increase range for whole-home mobility
- Nighthawk App—Get the most out of your router performance with customized settings



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Speed

Get the fastest WiFi currently available & enjoy a blazing-fast, lag-free WiFi experience for gaming, video streaming or surfing.



WORLD'S FASTEST WIFI—Up to 2600Mbps†



GIGABIT WIFI—Next-generation WiFi now at Gigabit speeds



GIGABIT WIRED—Ideal for HD gaming & video



DUAL-CORE PROCESSOR—Boosts wireless, wired & WAN-to-LAN performance

WiFi Range

Got range? Homes come in all shapes and sizes and Nighthawk Smart WiFi Router provides WiFi coverage no matter where you connect in your home.



EXTREME RANGE—WiFi coverage throughout very large homes



ANTENNAS—Three (3) external antennas for improved coverage

Sharing

With NETGEAR, sharing across your network is fun and easy, anything from accessing stored photos & music.



DLNA®—Find & play your media on DLNA TVs & game consoles



READYSHARE® USB ACCESS—Wirelessly access & share USB hard drive via two (2) USB ports



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

Reliable Connections

There's nothing more frustrating than lost connections! With NETGEAR's advanced features & best-in-class technology, you'll reduce interference & enjoy more reliable WiFi connectivity.



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



ADVANCED QOS—Downstream & upstream QoS automatically recognizes & prioritizes streaming & gaming applications



BEAMFORMING+—Boosts speed, reliability, & range of WiFi connections for 2.4 & 5GHz bands

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!



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

Ensure your privacy & keep your family safe while online. NETGEAR has you covered.



VPN SUPPORT—Secure access to your home network



GUEST NETWORK ACCESS—Separate & secure access for your guests



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



PERSONAL FTP SERVER—Customized free URL to create FTP server

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Nighthawk® App

The NETGEAR Nighthawk® App makes it easy to set up your router and get more out of your WiFi. With the app, you can install your router in a 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



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

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Connection Diagram



USB 3.0 port



Gigabit
Ethernet

Internet

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Package Contents

- Nighthawk AC2600 Smart WiFi Router (AC2600)
- Three (3) detachable antennas
- Ethernet cable
- Quick start guide
- Power adapter, localized to country of sale

Physical Specifications

- Dimensions: 11.22 x 7.26 x 1.97 in (285 x 184.5 x 50 mm)
- Weight: 1.65lb (750g)

Standards

- One (1) USB 3.0 port
- IEEE® 802.11 b/g/n 2.4GHz + 256-QAM support
- IEEE® 802.11 a/n/ac 5.0GHz
- Five (5) 10/100/1000Mbps—(1 WAN & 4 LAN) Gigabit Ethernet ports

Technical Specifications

- AC2600 (800Mbps 2.4GHz + 1733Mbps 5GHz)[†]
- Simultaneous dual band WiFi—Tx/Rx 4x4 (2.4GHz) + 4x4 (5GHz)
- Implicit & Explicit Beamforming
- Powerful dual-core processor
- Three (3) external antennas for improved coverage
- Memory: 128MB flash and 256MB RAM
- Downstream & Upstream QoS—Automatically recognizes & prioritizes applications
- ReadySHARE® USB—Share your USB hard drive
- IPv6 Support (Internet Protocol Version 6)
- On/off LED lights option

System Requirements

- Microsoft® Windows 7, 8, 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

Security

- Customized free URL to set up personal FTP server
- VPN support—Secure remote access
- Guest network access—Separate & secure
- Standards-based WiFi security (802.11i, 128-bit AES encryption with PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

Warranty

- www.netgear.com/about/warranty

Support

- 90-day complimentary technical support following purchase from a NETGEAR authorized reseller



This product comes with a limited warranty, the acceptance of which is a condition of sale. Warranty valid only when purchased from a NETGEAR authorized reseller.

* The NETGEAR hardware warranty does not include, and maybe be voided by, the use of open source firmware.

[†] 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 2600Mbps wireless speeds achieved when connecting to other 802.11ac 2600Mbps devices.

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