NETGEAR®

Nighthawk® AC2600 Smart WiFi Router

Performance & Use

Dual Core Processor
Extreme Speed & Range

MU-MIMO
Streaming data to multiple devices at the same time

- AC2600 WiFi—800Mbps 2.4GHz + 1733Mbps 5GHz†
- Implicit & Explicit Beamforming
- Powerful dual-core processor
- Three (3) external antennas for improved coverage
- Get connected in just minutes with the Nighthawk App

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 like YouTube®, Netflix®, & others
- Implicit & Explicit Beamforming for 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
- Free backup software for Windows® based computers & Time Machine® support for Mac® computers to automatically safeguard your files
- DLNA® server to find and play your media on TVs and game consoles
- iTunes® server to play your USB–stored music using iTunes or Apple Remote Desktop™

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 802.11ac WiFi devices
- Three external antennas increase range for whole-home mobility
- Print from an iPad® or iPhone®— Nighthawk® App makes any printer AirPrint® compatible
- Nighthawk App—Get the most out of your router performance with customized settings
- ReadyCLOUD® USB Access— Enjoy personal & secure access to USB storage connected to your Nighthawk® WiFi Router via the ReadyCLOUD mobile app or web portal

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 to wireless printing. And enjoy personal and secure cloud access to USB storage anywhere with ReadyCLOUD.

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

READYSHARE® USB ACCESS—Wirelessly access & share USB hard drive & printer via the USB port

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

READYCLOUD® USB ACCESS—Enjoy personal & secure cloud access to USB storage anytime, anywhere

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

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

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.

VPN SUPPORT—Secure access to your home network

GUEST NETWORK ACCESS—Separate & secure access for 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

NIGHTHAWK APP

The Nighthawk App makes it easy to set up your router and get the most out of your WiFi. With the app, you can install your router in 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 manage your connected devices, check your Internet connection speeds, set up smart parental controls and much more!

- Remote Management—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

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

Connection Diagram

USB 3.0 port

Gigabit
Ethernet

Internet

PACKAGE CONTENTS

- Nighthawk AC2600 Smart WiFi Router (R7450)
- 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 or printer
- ReadyCLOUD® USB Access—Enjoy personal & secure cloud access to USB storage anytime, anywhere
- 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
- Extend your warranty & technical support within 90 days of product purchase [US only]. Visit: prosupport.netgear.com/home

SUPPORT

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