NETGEAR®

Nighthawk AC1900 Smart WiFi Router—Dual Band Gigabit

PC PCMAG.COM **EDITORS' CHOICE**

1GHz Dual Core Processor
Extreme Speed & Range

NEW! CLOUD APP
genie remote access

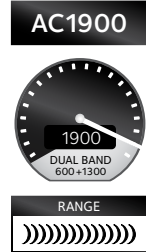### Performance & Use

AC1900

1900 DUAL BAND 600+1300

RANGE)))))))))))))

- AC1900 WiFi—600+1300 Mbps† speeds
- 1GHz Dual Core Processor
- Advanced features for lag-free gaming
- Prioritized bandwidth for streaming videos or music
- Now with NETGEAR genie® with remote access

The NETGEAR Difference – R7000

- Beamforming+ improves range & performance for both 2.4 & 5GHz devices
- High powered amplifiers & antennas to extend your WiFi coverage
- Upstream & downstream QoS for best gaming & video streaming experience
- Airtime fairness prevents network lag when slower devices connect
- Free automatic backup software for Windows® PC & Time Machine® compatible for Macs
- Easy & automatic installation of the NETGEAR router with Internet provider gateway to upgrade your WiFi

GAMING | FOR THE WIN

Avoid character freezing & enjoy lag-free gaming with the ultimate in 11AC speed & performance. Nighthawk delivers AC1900 WiFi, a powerful dual core 1GHz processor, & advanced upstream QoS for optimized game play on consoles like the XBox®. When microseconds count, let Nighthawk accelerate your game. For the win.

STREAMING | UNLIMITED HD

Stop buffering and start enjoying uninterrupted streaming media. With features like downstream QoS, Beamforming+ and built-in iTunes® server you'll begin to stream like you mean it. Access your stored media quickly with USB 3.0 and keep it safe with free automatic backup software for PCs & Time Machine® compatible for Macs.

MOBILE | UP TO 100% FASTER

Improve your mobile WiFi speeds by up to 100% with Nighthawk! High-powered amplifiers & antennas help extend WiFi coverage throughout large homes & even backyards. For the first time Beamforming+ focuses WiFi signals to both 2.4 & 5GHz devices. With signals locked onto your device, experience what it really means to be mobile!

Nighthawk AC1900 Smart WiFi Router—Dual Band Gigabit   Data Sheet

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 600+1300 Mbps†

GIGABIT WIFI—Next-generation WiFi now at Gigabit speeds

GIGABIT WIRED—Ideal for HD gaming & video

DUAL CORE PROCESSOR—Dual Core 1GHz 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.

ULTIMATE RANGE—WiFi coverage throughout very large homes

ANTENNAS—High-powered amplifiers with 3 external antennas

Sharing

With NETGEAR, sharing across your network is fun and easy, anything from accessing stored photos & music to wireless printing. And make sure you keep it safe by using the included ReadySHARE Vault application for backing up Windows-based PCs. For Mac OS® users, back-up using Apple® Time Machine.

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

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

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

READYSHARE PRINTER—Wirelessly access & share a USB printer

READYSHARE VAULT—Free software for automatic PC backup to a USB hard drive connected to the router

TIME MACHINE—Automatic Mac backup to a USB hard drive connected to the router

iTunes® COMPATIBLE—Play your USB-stored music using AirPlay or Apple Remote™

NETGEAR®

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

AIRTIME FAIRNESS—Prevent network lag when slower devices connect

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

NETGEAR GENIE® APP—Personal dashboard to monitor, control & repair your home network. Now includes remote access to manage your network away from home.

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

WIFI & POWER ON/OFF—Convenient power savings

Security

Maintain the highest security across your network to 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

PARENTAL CONTROLS—Web site filtering for all your connected devices

GUEST NETWORK ACCESS—Separate & secure access for guests

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

OPEN SOURCE SUPPORT—Download open source firmware from www.myopenrouter.com

PERSONAL FTP SERVER—Customized free URL to create FTP server

BEAMFORMING+

For more reliable connections.

BEAMFORMING+—FOR MORE RELIABLE CONNECTIONS

Unlike typical Wi-Fi routers that just blast the Wi-Fi signals in all directions, with Beamforming+ the router & device communicate with each other, so the router can directly beam the Wi-Fi signal to the device. The result is a stronger, faster, more reliable connection that is locked in even when the device is moved around the home.

- Focuses WiFi 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

- Designed for home environments to support multiple WiFi device connections for highest quality

- Extends WiFi coverage, reduces deadpots, & boosts signal strength

- Implicit & Explicit Beamforming boosts speed, reliability & range for both 2.4 & 5GHz WiFi devices—an industry first

NETGEAR genie®—HOME NETWORKING SIMPLIFIED

NETGEAR genie makes getting the most out of your home network fun & easy. Installation is almost effortless - just by opening a browser, genie helps you setup your NETGEAR WiFi Router & connect all of your WiFi devices. Genie also allows you to easily monitor, connect & control your home network from a PC, Mac, tablet or smartphone. With NETGEAR genie you can share & stream music or videos, diagnose & repair network issues, set up parental controls & more.

- Home network manager

- Network Map—Real-time map of all the connected devices on your network

- Makes any printer AirPrint® compatible to print from an iPad® or iPhone®

- MyMedia™—Find & play media files in your network

- EZ Mobile connect—Scan QR code to connect to your home network

- Turbo-Transfer—Quickly transfer files within your home network across various devices 40% faster than normal file transfers

- For PC, Mac®, iPhone®, iPad®, & Android™ devices

- Now with remote access to manage your network away from home. View the network map, block WiFi devices, set up guest WiFi & manage Parental Controls—anytime, anywhere.

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Connection Diagram

USB 3.0

Internet   Power
                    On/Off

Gigabit   USB 2.0
Ethernet

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Nighthawk AC1900 Smart WiFi Router—Dual Band Gigabit

PACKAGE CONTENTS

- Nighthawk AC1900 Smart WiFi Router
- Three (3) detachable antennas
- Ethernet cable
- Quick install 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: 1.65 lbs (750 g)

STANDARDS

- Two (2) USB ports—one (1) USB 3.0 & one (1) USB 2.0 port
- IEEE® 802.11 b/g/n 2.4GHz + 256 QAM support
- IEEE® 802.11 a/n/ac 5.0GHz
- Five (5) 10/100/1000 Mbps—(1 WAN & 4 LAN) Gigabit Ethernet ports

Installation Video

To view the Nighthawk installation video, visit
http://www.netgear.com/R7000_QR_IG_EN
or scan this QR code:

TECHNICAL SPECIFICATIONS

- AC1900 (600 Mbps @ 2.4GHz with 256 QAM support + 1300 Mbps @ 5GHz 11ac)[†]
- Simultaneous Dual Band WiFi—Tx/Rx 3x3 (2.4GHz) + 3x3 (5GHz)
- Implicit & Explicit Beamforming
- Powerful dual core 1GHz processor
- High-power amplifiers—three (3) external antennas
- Easy & automatic installation of the NETGEAR router with Internet provider gateway to upgrade your WiFi
- Memory: 128 MB flash and 256 MB RAM
- Downstream & upstream QoS—automatically recognizes & prioritizes applications
- ReadySHARE® USB—Share your USB hard drive and printer
- IPv6 Support (Internet Protocol Version 6)
- On/off LED lights option

SUPPORT

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

SYSTEM REQUIREMENTS

- Microsoft® Windows 7, 8, 8.1, 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
- WiFi Protected Access® (WPA/WPA2—PSK)
- Double firewall protection (SPI and NAT)
- Denial-of-service (DoS) attack prevention

WARRANTY

- www.netgear.com/about/warranty/

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