NETGEAR®

Performance & Use

- AC1750 WiFi–450+1300Mbps† speeds

- High-power external antennas

- Nighthawk® App–Easily set up and monitor your home network

- Circle® - Smart Parental Controls–Manage content and time online for any device

- Beamforming+–Faster, more reliable connections

- USB 3.0 port–Up to 10x faster USB hard drive access

- Two USB ports–Wirelessly access and share USB hard drives

- NETGEAR Armor™–Advanced cyber threat protection for your home network and your connected devices††

- Ultimate connectivity for latest dual band WiFi devices such as smartphones, tablets, smart TVs, and more

Overview

The NETGEAR AC1750 Smart WiFi Router with external antennas delivers extremely fast WiFi. With AC1750 WiFi, Gigabit Ethernet speeds, and high-power external antennas, this router offers ultimate performance in wireless coverage for large homes with 12 or more wireless devices. It gets 3x faster access than similar 802.11n technology and more reliable streaming for home computers and WiFi mobile devices. This router delivers the ultra-fast speed and reliability needed for applications such as smooth, lag-free multiple HD video streaming, multi-player gaming, and a secure and reliable connection to the Internet.

Compatible with next-generation WiFi devices and backward compatible with 802.11 a/b/g/n devices, it enables HD streaming throughout your home. With up to 450+1300Mbps† speed and simultaneous dual band WiFi technology, this router avoids wireless interference, ensuring top WiFi speeds and reliable connections especially for dual band wireless devices such as smartphones, tablets, smart TVs, etc. In addition, Beamforming+ technology boosts speed, reliability and range of WiFi connections, while the USB 3.0 port provides up to 10x faster USB hard drive access.

The AC1750 Smart WiFi Router includes the Nighthawk® App, Circle App and NETGEAR Armor. The Nighthawk® App makes it easy to set up your router and get the most out of your WiFi. Circle® App provides Smart Parental Controls to manage content and time online for any device. With NETGEAR Armor™, you get multi-layered cybersecurity for an unlimited number of devices that provides encrypted connections, keeps your online activity private, secures lost or stolen devices, and blocks suspicious devices on your network.

NETGEAR®

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 450+1300Mbps. Next-generation 11ac WiFi with dual band technology provides whole home coverage with Gigabit wired and wireless connection. Everything you need for a fast, fast, fast connected home.

EXTREMELY FAST WIFI—Up to 450+1300Mbps†

GIGABIT WIFI—Next-generation WiFi now at Gigabit speeds

GIGABIT WIRED—Ideal for HD gaming & video

WiFi Range

Homes come in all shapes and sizes. The Ultimate WiFi Range NETGEAR AC1750 Smart WiFi Router with additional high-power external antennas provides WiFi connectivity throughout your home for all your Internet-enabled devices.

ULTIMATE RANGE—WiFi coverage throughout your home

ANTENNAS—Extreme range with three (3) external antennas for best connectivity

Reliable Connections

Stay connected—with your devices, your media, and your friends. Simultaneous dual band WiFi provides two separate WiFi networks—2.4GHz for legacy devices and 5GHz which is less interference-prone for media streaming. The advanced QoS technology provides higher priority for media streaming, which gives you smoother HD video streaming and low-latency online gaming.

SIMULTANEOUS DUAL BAND WIFI—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

AIRTIME FAIRNESS—Prevents network lag when slower devices connect

NETGEAR®

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.

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

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

READYSHARE® USB ACCESS–Wirelessly access & share USB hard drives via two (2) USB ports

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

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 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.

NETGEAR ARMOR™–Cybersecurity for your home††. Advanced cyber threat protection for your home network and your connected devices

PARENTAL CONTROLS–Circle™ - the smart way for families to manage content and time online, on any device

GUEST NETWORK ACCESS–Separate & secure access for guests

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

VPN SUPPORT–Secure access to your home network when away from home

PERSONAL FTP SERVER–Customized free URL to create FTP server

NETGEAR®

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
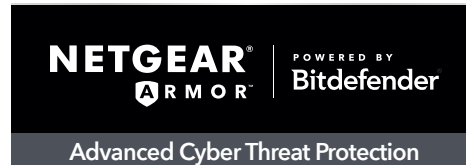
Nighthawk® App

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 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

NETGEAR Armor™

NETGEAR Armor empowers you to eliminate vulnerabilities or simply know the status of your home network and devices, anytime, anywhere. Get instant notifications when malicious threats are detected, block unknown devices from joining your home network or take action on vulnerabilities as they are discovered easily through the Nighthawk App.

NETGEAR® ARMOR™ | POWERED BY Bitdefender

Advanced Cyber Threat Protection

Powerful Security on Your NETGEAR Router

ANTIVIRUS & RANSOMWARE PROTECTION– Keeps you safe from phishing and online fraud

VULNERABILITY ASSESSMENT–Scans and identifies network security flaws

STAY SAFE EVEN WHEN AWAY FROM HOME WIFI– Stay in the know with Nighthawk App. Anywhere, anytime

BITDEFENDER SECURITY–Protects all connected devices at home and on-the-go

BITDEFENDER VPN–Encrypts your internet connection to keep your online activity private even while you're on unsecured public networks

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circle® Circle is the smart way for families to manage content and time online, on any connected device. With the Circle app, you can easily:

• Limit daily Internet time for websites, apps, and more

• Set a BedTime for your family's devices

• Set individual filter for each family member that matches their age and interests

• Pause Internet by device or by user with a press of a button

• Schedule specific `no internet´ times with OffTime

• Check out where your family spends time online

• Reward kids with extended Time Limits, no OffTime, and a late BedTime for the day

• Use voice commands to ask Alexa™ about Time Limits and Usage

Learn more netgear.com/circle

Key Features

FILTERS   TIME LIMITS   BEDTIME   USAGE   PAUSE   OFF TIME   REWARDS   HISTORY   CONNECTIONS

NETGEAR®

AC1750 Smart WiFi Router–802.11ac Dual Band Gigabit

Connection Diagram

Gigibit
Ethernet

USB 2.0

Reset

WAN port

Power on/off

USB 3.0

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AC1750 Smart WiFi Router—802.11ac Dual Band Gigabit

Package Contents

- AC1750 Smart WiFi Router (R6400v2)
- Ethernet cable
- Quick start guide
- Power adapter, localized to country of sale

Physical Specifications

- Dimensions: 7.20 x 11.22 x 2.44 in (183 x 285 x 62 mm)
- Weight: 1.58 lb (719 g)

Technical Specifications

- AC1750 (450Mbps 2.4GHz + 1300Mbps 5GHz)†
- Simultaneous dual band WiFi—Tx/Rx 3x3 (2.4GHz) + 3x3 (5GHz)
- Implicit & Explicit Beamforming for 5GHz— Smart, signal-focusing technology boosts the speed, reliability, & range of your WiFi connections
- Push 'N' Connect—Easy push button WiFi connections (WPS)
- Memory: 128MB flash and 256MB RAM
- Advanced Quality of Service (QoS)
- IPv6 support (Internet Protocol Version 6)
- Nighthawk® App—Easily set up your router and get more out of your WiFi. Includes access from anywhere to manage your network away from home

Standards

- Two (2) USB ports—One USB 3.0 and one USB 2.0 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

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 firewall)
- Denial-of-service (DoS) attack prevention
- Automatic firmware update delivers latest security patches to the router
- NETGEAR Armor™—Advanced cyber threat protection for your home and your connected devices††
- Circle® Smart Parental Controls‡‡— Manage your content and time online, on any device

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
- Use laptop with 3x3 450 Mbps adapter like Centrino® 6300/5300, or 802.11ac adapter like NETGEAR A6200 for maximum performance

Warranty

- www.netgear.com/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.
- Join the NETGEAR Community Forum. Visit http://community.netgear.com

Supports Windows® 10

Mac

NETGEAR, Inc. 350 E. Plumeria Drive, San Jose, CA 95134-1911 USA, www.NETGEAR.com/support

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