AC2000 SMART WIFI ROUTER - DUAL BAND GIGABIT

Model: R6850

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DUAL BAND GIGABIT

AC2000 Smart WiFi Router

The NETGEAR AC2000 Smart WiFi Router is an incredibly fast router delivering up to 2Gbps WiFi speeds. This router offers 3x faster speed than similar 802.11n and provides the best connectivity for dual band wireless devices. It delivers the speed and reliability needed for applications such as multiple HD video streaming and lag-free multi-player gaming, and reliable internet connections. With up to 300+1733Mbps speed, MU-MIMO and simultaneous dual band WiFi technology, it avoids wireless interference, ensuring reliable WiFi connections throughout the home. External antennas and Beamforming improve range and reliability for more wireless coverage for larger homes. Frustration-free fast install using Nighthawk App get you online in matter of minutes.

SPEED | WIFI RANGE | SHARING | RELIABLE CONNECTIONS | EASE OF USE | SECURE NETWORK

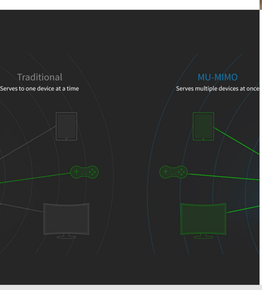
Speed

Super fast download speeds up to 300+1733Mbps. Next generation 11ac WiFi with dual-band technology providing whole home coverage with Gigabit wired and wirelesss connection. Everything you need for a fast, fast, fast connected home.

- AC2000 WiFi - Up to 300+1733Mbps
- GIGABIT WIRED - Ideal for HD gaming & video
- MU-MIMO - Go faster by simulateously streaming to multiple devices

High-Performance Connectivity

With up to 300+1733Mbps[1] speed and simultaneous dual band WiFi technology, it avoids wireless interference, ensuring top WiFi speeds and reliable connections. These technologies also provide ultimate connectivity for the latest dual band mobile devices like iPads and iPhones.



Multi-user MIMO (MU-MIMO)

Using Multi-User MIMO technology, NETGEAR routers can stream data to multiple devices simultaneously. With MU-MIMO, your WiFi network can deliver faster throughput to every MU-MIMO connected device. That means faster downloads and smoother streaming for your devices.

Technical Specifications

WIFI TECHNOLOGY	• 802.11ac Dual Band WiFi
WIFI PERFORMANCE	• AC2000
WIFI BAND	• Simultaneous Dual Band WiFi—Tx/Rx 2X2 (2.4GHz) + 2X2(5GHz)
NUMBER OF ETHERNET PORTS	• Five (5) 10/100/1000 (1 WAN and 4 LAN) Gigabit Ethernet ports with auto-sensing technology
NUMBER OF USB PORTS	• One (1) USB 2.0
MEMORY	• 128MB NAND flash and 128MB DDR3 RAM
QUALITY OF SERVICE	• Advanced Quality of Service (QoS)
IPV6	• IPV6 support for improved performance
PRODUCT DIAGRAM	
PHYSICAL SPECIFICATIONS	• Dimensions: 9.27 x 5.94 x 2.14 in (235.51 x 150.76 x 54.5 mm) • Weight: 0.83 lbs (377 g)
STANDARDS	• IEEE® 802.11 b/g/n 2.4GHz • IEEE 802.11 a/n/ac 5GHz
SYSTEM REQUIREMENTS	• Microsoft® Windows 7, 8, 10, Vista®, XP®, 2000, Mac OS®, UNIX®, or Linux® • Microsoft® Internet Explorer® 5.0, Microsoft® Edge, Firefox® 2.0, Safari® 1.4, or Google Chrome™ 11.0 browsers or higher • Use laptop with 2x2 300 Mbps adapter like Centrino® 6205/6235, 3x3 450Mbps adapter like Centrino® 6300/5300, or 802.11ac adapter like NETGEAR A6210 for maximum
SECURITY	• WiFi Protected Access® (WPA/WPA2—PSK) • Double firewall protection (SPI and NAT firewall) • Denial-of-service (DoS) attack prevention
PACKAGE CONTENTS	• AC2000 Smart WiFi Router (R6850) • Ethernet cable • Quick start guide • Power adapter

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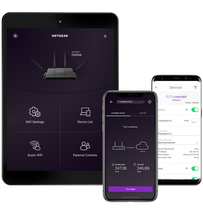
[1]Maximum wireless signal rate derived from IEEE 802.11 specifications. Actual data throughput and wireless coverage will vary and may be lowered by network and environmental conditions, including network traffic volume and building construction.

NETGEAR makes no representations or warranties about this product's compatibility with future standards.

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 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 Internet on your connected devices, run a quick Internet speed test and much more.

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