

AC1200 Wireless Dual Band Gigabit Router

Model: AC12G

// Highlights

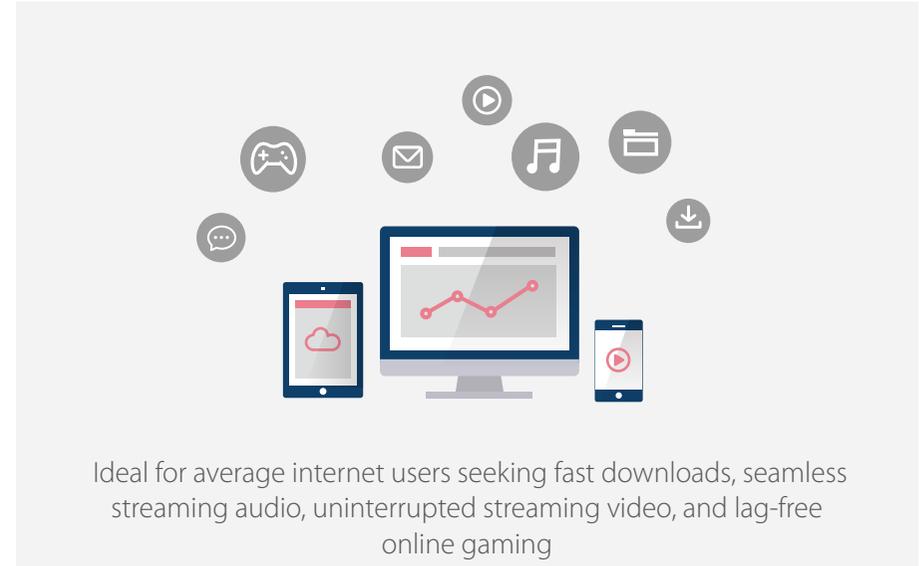
- Fast Wi-Fi – Simultaneous 300Mbps 2.4GHz and 867Mbps 5GHz connection for 1.2Gbps of total available bandwidth
- Maximum Range – Four high gain antennas ensure widespread Wi-Fi coverage and a stable connection
- Easy Installation – Intuitive webpage guides you through the setup process in minutes
- Gigabit Ports – One Gigabit WAN port and three Gigabit LAN ports provide up to 10x faster speeds than standard Ethernet connections



// Applications



Ideal for large homes with multiple rooms and multiple users



Ideal for average internet users seeking fast downloads, seamless streaming audio, uninterrupted streaming video, and lag-free online gaming

// Features



Speed

Fast Wireless Speed – Combined wireless speeds of up to 300 Mbps (over 2.4GHz) and 867 Mbps (over 5GHz)



Range

Four Omni-Directional Antennas – High gain antennas provide maximum wireless coverage and boost wireless performance



Easy Setup

Quick 3-Step Installation – Intuitive webpage supports quick, hassle free installation

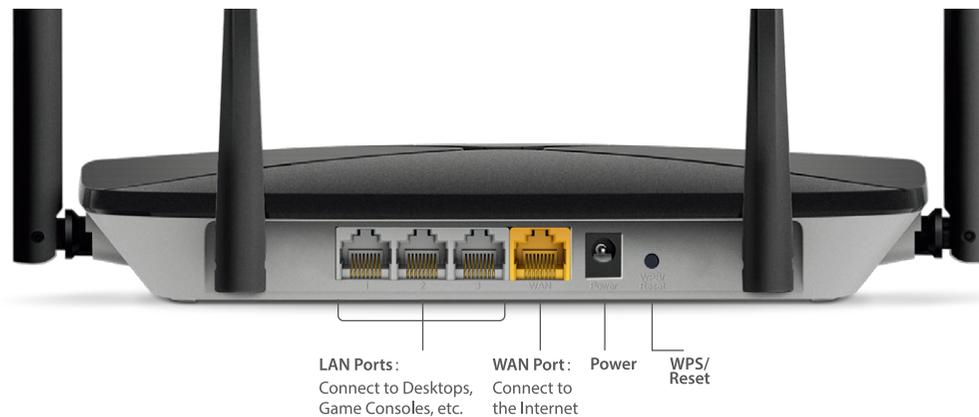
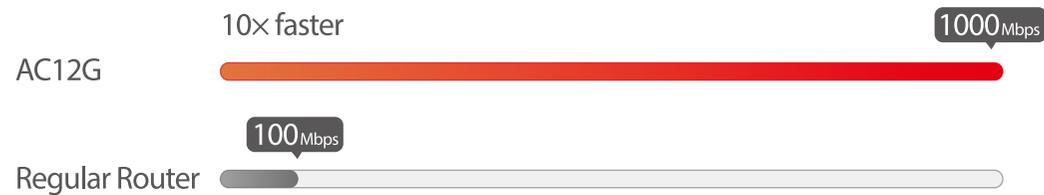


Security

Guest Network – Creates two separate networks for you and your guests to ensure safety
Parental Controls – Parents can establish appropriate access policies for children devices

// Full Gigabit Ports for Powerful Connections

The AC12G is a powerful hub to support a robust and extremely fast wired network. One Gigabit WAN port and three Gigabit LAN ports provide up to 10x faster speeds than standard Ethernet connections, helping your devices reach peak performance for smooth HD streaming and gaming.



// 1167Mbps Wi-Fi for Lag-free Work and Entertainment

The AC12G connects devices on both 2.4GHz and 5GHz bands simultaneously, offering a superior lag-free experience for work and play. Combining 300Mbps 2.4GHz (perfect for surfing and emailing) and 867Mbps 5GHz (ideal for HD streaming and gaming), you have the flexibility to allocate your devices to dedicated networks to do more at the same time.



// Specifications

Physical Specifications

Ports

1 Gigabit WAN Port
3 Gigabit LAN Ports

Button

WPS/Reset Button

External Power Supply

9V/0.85A

Dimensions (W x D x H)

222 x 140 x 32 mm

Antennas

4 Fixed Omni-Directional Antennas

Package Contents

- AC1200 Wireless Dual Band Gigabit Router (AC12G)
- Power Adapter
- Ethernet Cable
- Quick Installation Guide

Wireless Specifications

Wireless Standards

IEEE 802.11a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz

Frequency

2.4 - 2.5GHz, 5.15 - 5.85GHz

Signal Rate

300Mbps at 2.4GHz, 867Mbps at 5GHz

Transmit Power

<20dBm (EIRP)

Reception Sensitivity

| | |
|-------------------------|------------------------|
| 5GHz | 2.4GHz |
| • 11a 6M: -92dBm | • 11g 6M: -95dBm |
| • 11a 54M: -75dBm | • 11g 54M: -77dBm |
| • 11ac 20M MCS8: -70dBm | • 11n 20M MCS7: -74dBm |
| • 11ac 40M MCS9: -64dBm | • 11n 40M MCS7: -71dBm |
| • 11ac 80M MCS9: -60dBm | |

Wireless Function

Enable/Disable Wireless Radio, Wireless Statistics

Wireless Security

WPA-PSK / WPA2-PSK

Operation Specifications

WAN Type

Dynamic IP/Static IP/PPPoE/PPTP/L2TP

DHCP

Server

Port Forwarding

Virtual Server, UPnP, DMZ

Management

Access Control
Local Management
Remote Management

Firewall Security

IP and MAC Address Binding

Guest Network

2.4GHz Guest Network, 5GHz Guest Network

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Operating Humidity: 10%~90% Non-Condensing
- Storage Humidity: 5%~90% Non-Condensing

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* Maximum wireless signal rates are the physical rates derived from IEEE Standard 802.11 specifications. Actual wireless data throughput and wireless coverage are not guaranteed and will vary as a result of 1) environmental factors, including building materials, physical objects, and obstacles, 2) network conditions, including local interference, volume and density of traffic, product location, network complexity, and network overhead, and 3) client limitations, including rated performance, location, connection, quality, and client condition.