

# AC1200 Wireless Dual Band Gigabit Router

Model: MR30G

## // Highlights

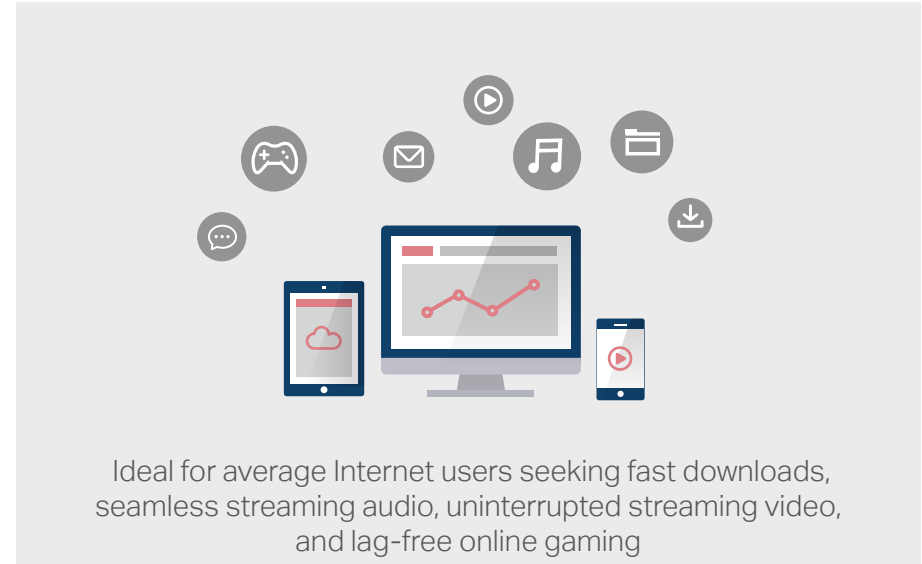
- Ultra-Fast AC1200 Dual Band Wi-Fi  
867 Mbps on 5 GHz, 300 Mbps on 2.4 GHz
- Gigabit Wired Speeds  
Full Gigabit ports for PCs, IPTVs, and game consoles
- Easily Manage Your Home Network  
Abundant software features for any needs



## // 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



**Access Point Mode**  
Extends a wired network and makes it wireless



**Parental Controls**  
Establish appropriate policies to protect children with responsible, safe internet access



**IPTV Supported**  
Supports IGMP Proxy/Snooping, Bridge, and Tag VLAN to optimize IPTV streaming



**Guest Network**  
Provides a separate network for guests to ensure your security and privacy



**Quality of Service**  
Prioritizes devices you select to perform better

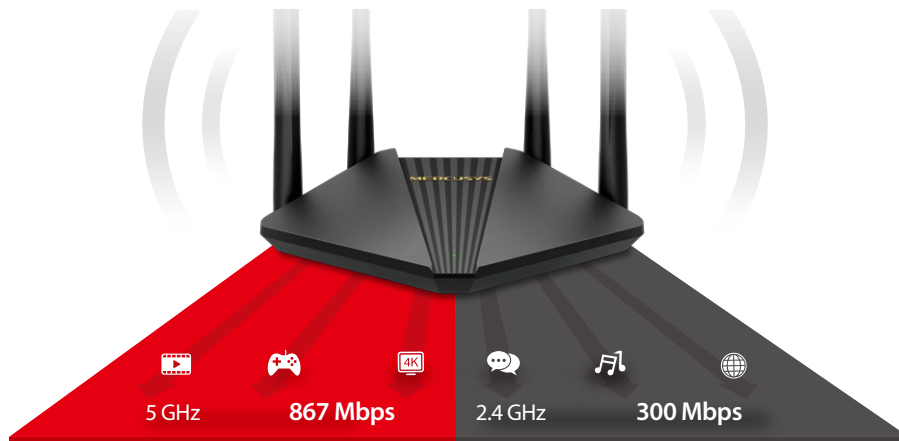


**IPv6 Supported**  
Allows you to enjoy IPv6 services provided by your ISP and visit IPv6 websites

## // Highlights

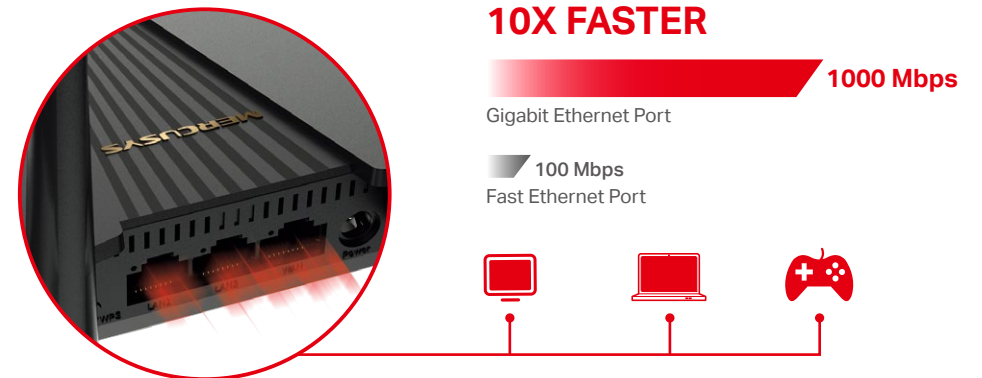
### 1.2 Gbps Fast Wi-Fi Speed

Complying with the powerful 802.11ac standard, MR30G delivers blazing fast Wi-Fi speeds up to 1200 Mbps. Choose the 300 Mbps (2.4 GHz) for internet surfing, email, and social media or 867 Mbps (5 GHz) for bandwidth-intensive tasks like HD streaming and gaming.†



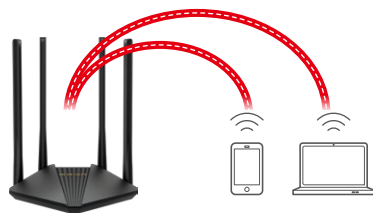
### Gigabit Wired Connection

Full Gigabit ports deliver 10x faster wired speeds than standard Ethernet connections. Plug in your PCs, smart TVs, and game consoles for extremely fast and reliable connections.

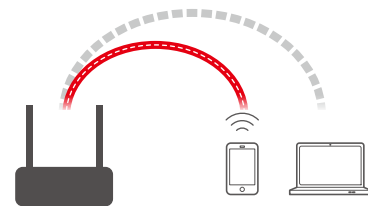


## // MU-MIMO Technology

With MU-MIMO, MR30G communicates with multiple devices at the same time to allow connected devices to achieve faster speeds than standard AC routers.‡



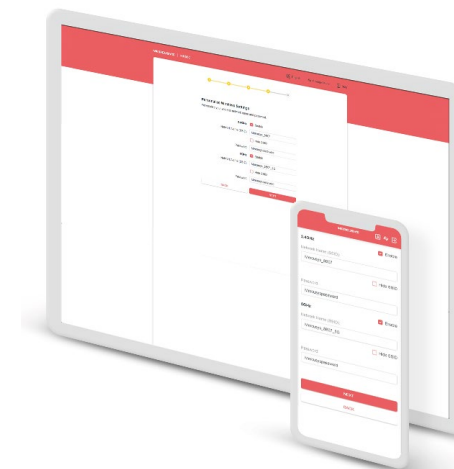
MR30G with MU-MIMO



Regular Router without MU-MIMO

## // Easy Installation

No need for complicated configuration. Simply follow the step-by-step instructions on the intuitive webpage to set up MR30G in minutes.

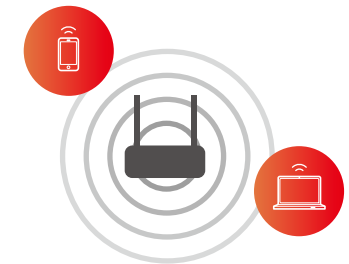


## // Maximum Coverage with Beamforming

Four external 5 dBi antennas provide larger wireless coverage throughout your home or office. Advanced Beamforming technology automatically locates wireless devices and forms targeted, highly efficient wireless connections.



MR30G with Beamforming



Regular Router without Beamforming

## // Specifications

### Hardware

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#### Ports

1× Gigabit WAN Port + 2× Gigabit LAN Ports

#### Button

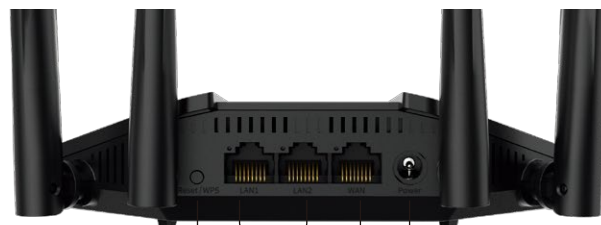
WPS/Reset Button

#### Dimensions (W x D x H)

6.3 × 5.0 × 1.5 in (159.7 × 125.9 × 37.1 mm)

#### Antenna

4× 5 dBi Fixed Omni-Directional Antennas



WPS/  
Reset

LAN Ports:  
Connect to IPTVs,  
Desktops, TV  
Boxes, Game  
Consoles, and  
More.

WAN Port:  
Connect to  
the Internet

Power

### Wireless

#### Wireless Standards

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

#### Frequency

2.4 GHz, 5 GHz

#### Signal Rate

867 Mbps (5 GHz) + 300 Mbps (2.4 GHz), compatible with 11ac/a/b/g/n Wi-Fi standards

#### EIRP

2.4 GHz < 20dBm (EIRP)

5 GHz < 23dBm (EIRP)

#### Reception Sensitivity

11g 6Mbps: -96dBm

11g 54Mbps: -78dBm

11n HT40 MCS7: -74dBm

11n HT20 MCS7: -71dBm

11a 6Mbps: -97dBm

11a 54Mbps: -79dBm

11ac VHT20 MCS8: -74dBm

11ac VHT40 MCS9: -70dBm

11ac VHT80 MCS9: -65dBm

### Software

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#### Operation Modes:

Router Mode, Access Point Mode

#### WAN Type

Dynamic IP/Static IP/PPPoE/L2TP/PPTP

#### DHCP

Server, DHCP Client List

#### NAT Forwarding

Port Forwarding, Port Triggering, UPnP, DMZ

#### Management

Access Control

Local Management

Remote Management

#### Firewall Security

SPI Firewall, IP and MAC Address Binding

#### Guest Network

2.4 GHz Guest Network, 5 GHz Guest Network

#### Security Features

- Parental Controls
- Guest Network Access
- Wireless Security: WPA-PSK / WPA2-PSK
- Firewall Protection

## // Specifications

### Others

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#### Package Contents

- AC1200 Wireless Dual Band Gigabit Router (MR30G)
- Power Adapter
- Quick Installation Guide
- RJ45 Ethernet Cable

#### Environment

- Operating Temperature: 0°C~40°C (32°F~104°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, and number of connected devices are not guaranteed and will vary as a result of network conditions, client limitations, and environmental factors, including building materials, obstacles, volume and density of traffic, and client location.

\*Use of MU-MIMO requires clients to also support MU-MIMO.