

AC1200 Dual Band Wireless Router

Model: AC12

// Highlights

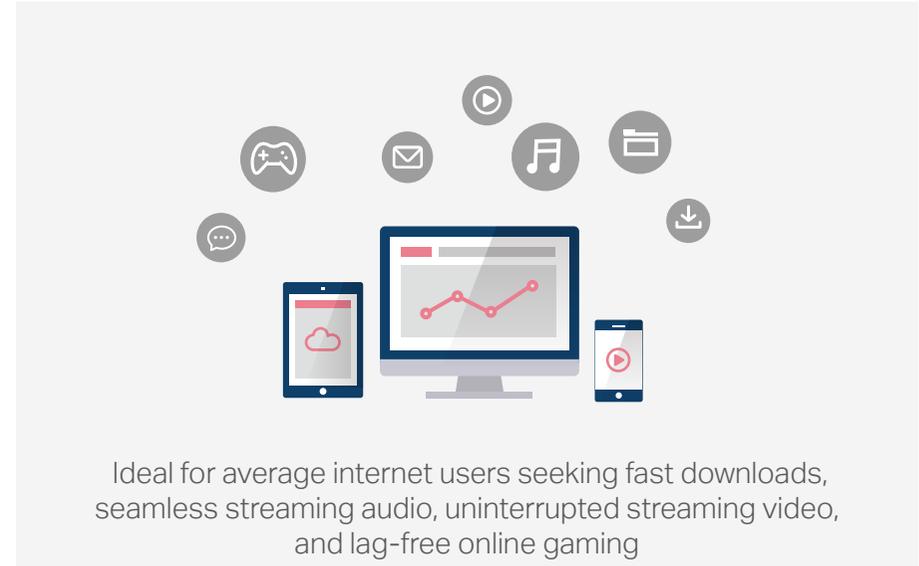
- Fast Wi-Fi – Simultaneous 2.4GHz 300Mbps and 5GHz 867Mbps connection for 1.2Gbps of total available bandwidth
- 802.11ac – Provides a data transfer rate 3 times faster than 802.11n for each stream
- Maximum Range – Four 5dBi high gain antennas ensure widespread Wi-Fi coverage and a stable connection
- Easy Installation – Intuitive webpage guides you through the setup process in minutes



// 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 – Four fixed antennas provide maximum wireless coverage
Enhanced Signal – High gain antennas are arranged to boost wireless performance



Easy Setup

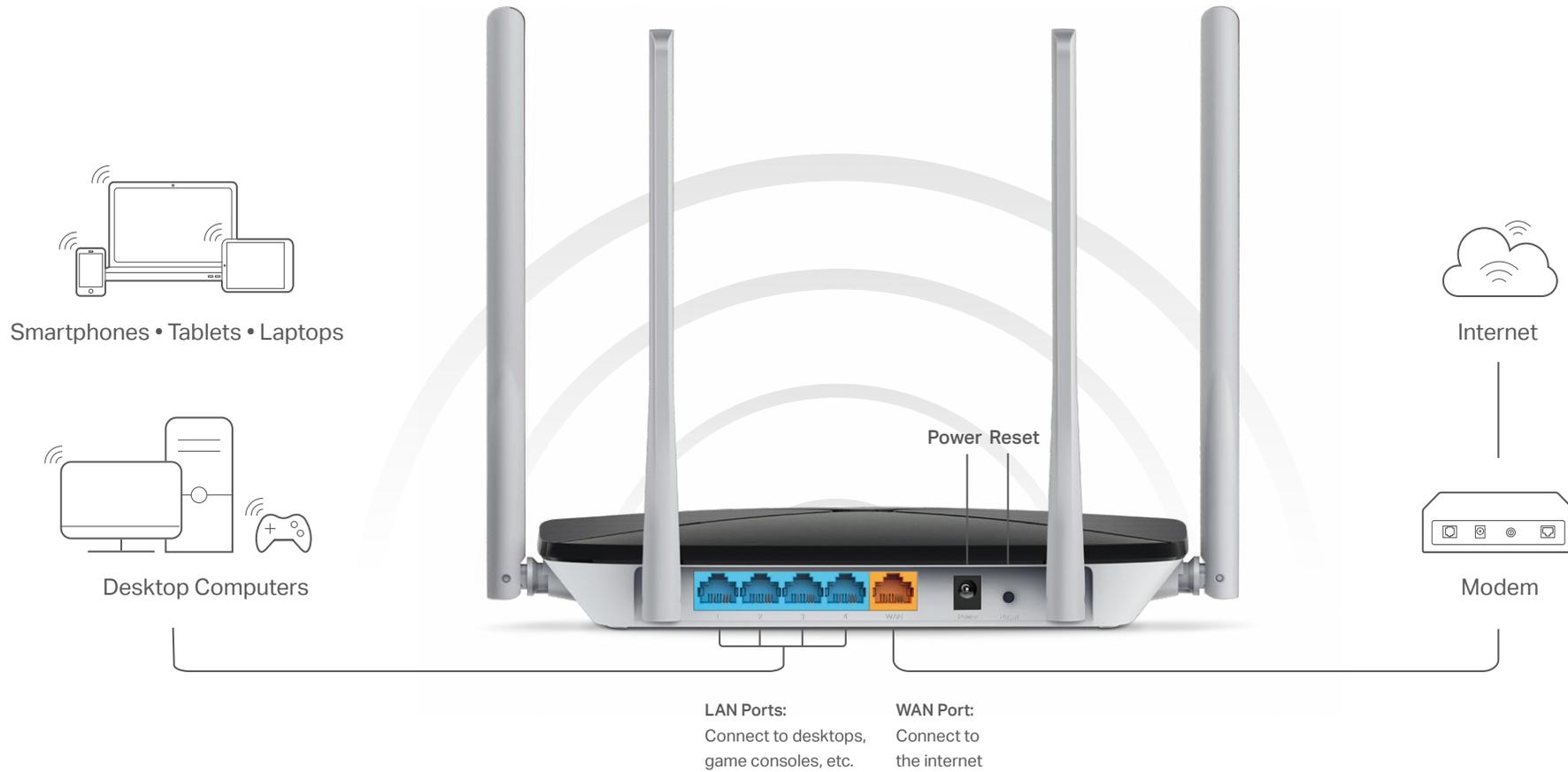
Quick 3-Step Installation – Intuitive webpage supports quick, hassle free installation



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

// Connections



// Fast Dual-Band Wi-Fi

The AC12 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

Ethernet Ports

4*10/100Mbps LAN Ports
1*10/100Mbps WAN Port

Button

Reset Button

External Power Supply

9V/0.85A

Dimensions (W x D x H)

222 x 140 x 32 mm

Antenna

4 * 5dBi

Package Contents

- AC1200 Dual Band Wireless Router (AC12)
- 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 - 5.35GHz

Signal Rate

300Mbps at 2.4GHz, 867Mbps at 5GHz

Transmit Power

<20dBm (EIRP)

Reception Sensitivity

5GHz

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

Wireless Function

Enable/Disable Wireless Radio, WDS Bridge,
Wireless Statistics

Wireless Security

WPA-PSK / WPA2-PSK

Operation Specifications

WAN Type

Dynamic IP/Static IP/PPPoE

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

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

Specifications are subject to change without notice. MERCUSYS is a registered trademark of MERCUSYS TECHNOLOGIES CO., LTD. Other brands and product names are trademarks or registered trademarks of their respective holders. Copyright © 2019 MERCUSYS TECHNOLOGIES CO., LTD. All rights reserved.

* 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.