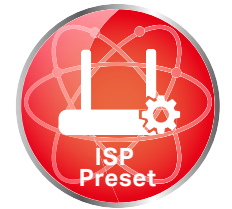# AC1200 Wireless Dual Band Router
## Model: AC10

ISP
Preset

// Highlights

- Enhanced Signal – High gain antennas dramatically increase the strength and stability of the wireless signal
- Fast Wireless Speed - Ideal for HD streaming, online gaming, and large file downloads
- Easy Installation - Intuitive webpage guides you through the setup process in minutes
- Multi-Mode - Access Point Mode, Range Extender Mode, and Router Mode supported to satisfy all application scenarios

// Applications

Ideal for large homes with multiple rooms and multiple users
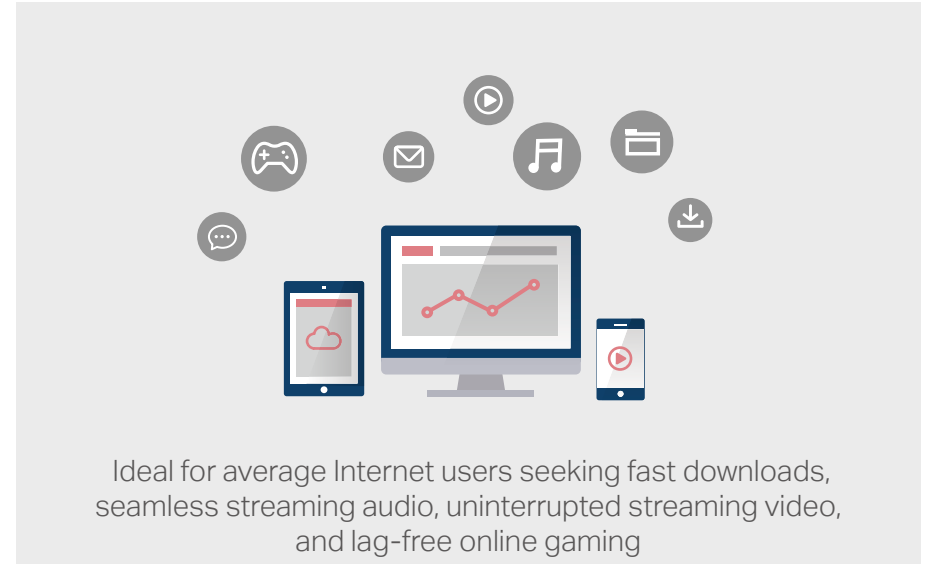
Ideal for average Internet users seeking fast downloads, seamless streaming audio, uninterrupted streaming video, and lag-free online gaming

// Features

Ease of Use
The simple three-step setup allows you to complete installation in minutes

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

// Broader Wi-Fi Coverage

Four powerful high-gain antennas cast Wi-Fi signals to every corner of your home. Beamforming detects your connected devices and concentrates wireless signal strength towards them, making your connections more stable.[†]
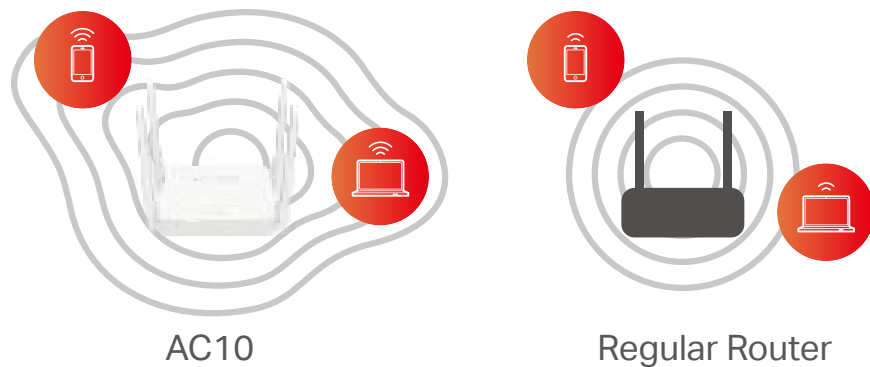
// MU-MIMO Technology

With MU-MIMO, AC10 communicates with multiple devices at the same time to allow connected devices to achieve faster speeds than standard AC routers, increasing overall network throughput.[‡]

AC10

Regular Router

AC10 with MU-MIMO

Regular Router without MU-MIMO
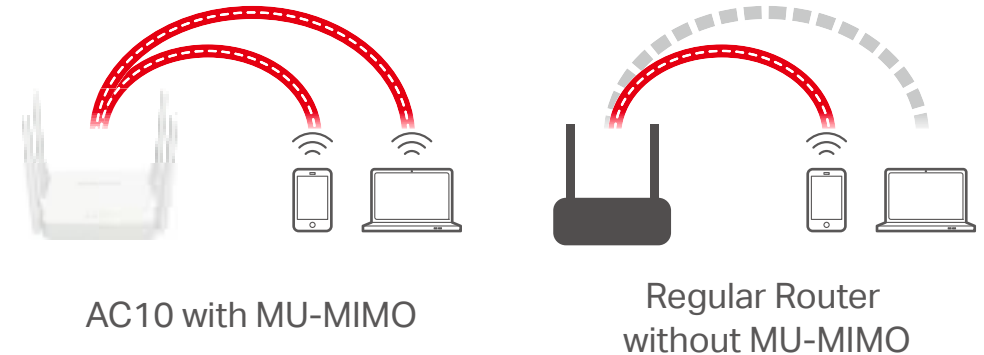
// High Speed Dual-Band Wi-Fi for Lag-free Work and Entertainment

With the powerful 802.11ac technology, the AC10 lets your PC or smartphone enjoy 3X faster connections than 802.11n. Combining 300 Mbps 2.4 GHz (perfect for surfing and emailing) and 867 Mbps 5 GHz (ideal for HD streaming and gaming), you have the flexibility to allocate your devices to dedicated networks to do more at the same time.

2.4 GHz **300 Mbps**   5 GHz **867 Mbps**
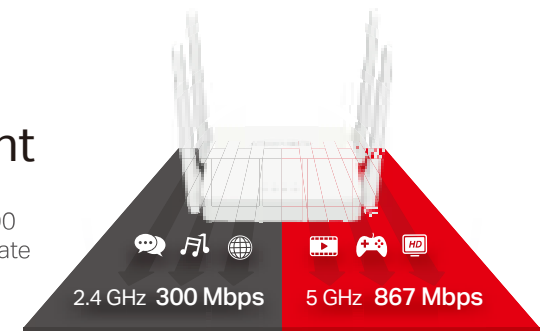
// Specifications

Hardware

Ethernet Ports
1× 10/100 Mbps WAN Port
2× 10/100 Mbps LAN Ports

Button
Reset/WPS Button

External Power Supply
9V/0.85A

Dimensions (W x D x H)
4.5 × 3.7 × 1.0 in (114 × 94 × 26 mm)

Antenna
4× 5 dBi Fixed Omni-Directional Antennas

LAN Ports · WAN Port · Power · WPS/Reset
Connect to desktops, game consoles, etc. · Connect to the Internet

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
Up to 300 Mbps on 2.4 GHz, 867 Mbps on 5 GHz

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

Wireless Function
Enable/Disable Wireless Radio, WMM

Security Features
• Simple Parental Controls
• Guest Network Access
• Wireless Security:
  WEP, WPA / WPA2-Personal, WPA2 /
  WPA3-Personal
• Firewall Protection

// Specifications

Software

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

Others

Package Contents

AC1200 Wireless Dual Band Router AC10

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

†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.