

PHYHOME



Making the world better.

AC1200 Dual Band Smart Home Wi-Fi System

M2 (1GE WAN+2GE LAN+AC1200)



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AC1200 Wireless Router

M2

Product Descriptions

M2 wireless dual band router is specially designed for creating a smart home Wi-Fi system. With 1167Mbps dual band concurrent Wi-Fi and one click auto connection functions, M2 easily and efficiently effectuates the Wi-Fi Coverage even under big flats, multiple floors, etc complicated environments.

Main Features

- Complies with the latest IEEE 802.11ac Wi-Fi standards.
- 867Mbps on 5GHz and 300Mbps on 2.4GHz band for total 1167Mbps simultaneously.
- Intelligent Beamforming helps to transmit the wireless signal intensively and improve the bandwidth efficiency.
- Supports DHCP, Static IP, PPPoE, PPTP and L2TP broadband functions.
- Provides WPA/WPA2 mixed security.

- QoS: Bandwidth Control based on IP address.
- IPTV function allows to enjoy online movies at home.
- Bright and white design with compact size.
- Plug and play, Default master-slave router has Mesh connection and does not need to be manually configured.

Specification

Hardware	
Chipset	- RTL8197FHT-VG4+RTL8812FR-VN
Flash	- Default 8MByte
SDRAM	- Default 64MByte
Interface	- 2 *1000Mbps LAN Ports - 1 *1000Mbps WAN Port
Power Supply	- 9VDC/0.8A
Button	- 1 *Mesh Button - 1* RST Button
LED Indicators	- 1 *Status
Antenna	- 2 *Internal Antennas (2.4G/5G)
Dimensions (L x W x H)	- 89 x 89 x 68.5mm
Wireless	
Standards	- IEEE 802.11ac, IEEE 802.11a, IEEE 802.11b, IEEE 802.11g ,IEEE 802.11n, IEEE 802.11s
RF Frequency	- 2.4GHz/5GHz
Data Rate	- 2.4GHz: Up to 300Mbps - 5GHz: Up to 867Mbps
EIRP	- 2.4GHz < 20dBm - 5GHz < 20dBm
Wireless Security	- WPA/WPA2 mixed

- 2.4G: 11b: <-81dbm;
11g: <-68dbm;
11n: HT20<-65dbm HT40: <-62dbm
- 5G: 11a:<-68dbm;
11n: HT20<-65dbm HT40: <-62dbm
11ac: <-51dbm

Software

Operation Mode	- Mesh Mode
Home	<ul style="list-style-type: none"> - Quick Setup - Advanced setup - QR Code - Reboot <ul style="list-style-type: none"> - Basic setup - Logout
Mesh setting	<ul style="list-style-type: none"> - Mesh Networking - Clear default pairing <ul style="list-style-type: none"> - Mesh Topology <ul style="list-style-type: none"> - Roaming
Network	<ul style="list-style-type: none"> - WAN Setting - IP/MAC Binding - DDNS Setting <ul style="list-style-type: none"> - LAN Setting - IPTV Setting
WAN Type	- Static IP, DHCP, PPPoE/Russia PPPoE, PPTP/Russia PPTP, L2TP/Russia L2TP
Wireless	<ul style="list-style-type: none"> - Basic setup <ul style="list-style-type: none"> - Guest Network(Multiple SSID)
QoS	- Up/Down speed control on WAN, Bandwidth control based on IP address
Security	<ul style="list-style-type: none"> - MAC Filtering - Filtering <ul style="list-style-type: none"> - IP/Port Filtering <ul style="list-style-type: none"> - URL
NAT	<ul style="list-style-type: none"> - Virtual Server(Port Forwarding) - VPN passthrough <ul style="list-style-type: none"> - DMZ
Tools	<ul style="list-style-type: none"> - Upgrade Firmware - Password Settings - so on <ul style="list-style-type: none"> - Time Setup - Reboot Schedule <ul style="list-style-type: none"> - Remote management - System Log and

Others

Package Contents

- M2 Wireless Router *1
- Power Adapter *1
- Ethernet Cable *1
- Quick Installation Guide *1

Remark: This product 2 in 1 package(Default), the above list is only for reference.

Environment

- Operating Temperature: 0°C~50 °C (32 °F~122°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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