

# AC1200 Wireless Dual Band Router

MODEL: EC220-F5



## Overview

The EC220-F5 lets your PC or laptop enjoy connections 3x faster than Wireless N with Wireless AC technology. With 300Mbps over the 2.4GHz band and 867Mbps over the the crystal clear 5GHz band, the EC220-F5 is the superior choice for seamless HD streaming, online gaming and other bandwidth-intensive tasks.



### Fast Wireless Connection

Upgrade to 5th generation Wi-Fi, 300Mbps at 2.4GHz + 867Mbps at 5GHz dual band.



### Internet Access

Take advantage of the broadband with speeds up to 100 Mbps through a Fast Ethernet WAN port and four Fast Ethernet LAN ports for quick and dependable wired connections.



### Easy Remote Management

Support TR-069 protocols, enabling ISPs to remotely configure and manage end-user devices. Support TR-098.



### EasyMesh Feature Supported

EC220-F5 supports standardized EasyMesh, which ensures flexible coverage expansion and premium Mesh experience. Ideal for household multi-purpose application scenarios.

## Features



### Innovative Antenna Design for Maximum Coverage

Four well-ordered antennas make all of your connections more efficient and stable. Advanced antenna technology increases the receiving sensitivity to enlarge Wi-Fi coverage for your home.



### Easy Parental Control

Supervise children and staff with responsible access, controlled by parents or administrators. Use key words to easily set up a black list and limit the level of web access.



### High-Speed Dual Band Wi-Fi for Better Connection

Blistering wireless speeds of up to 1.2Gbps at 2.4GHz & 5GHz band ensure smooth online gaming and HD streaming and rapid downloads.

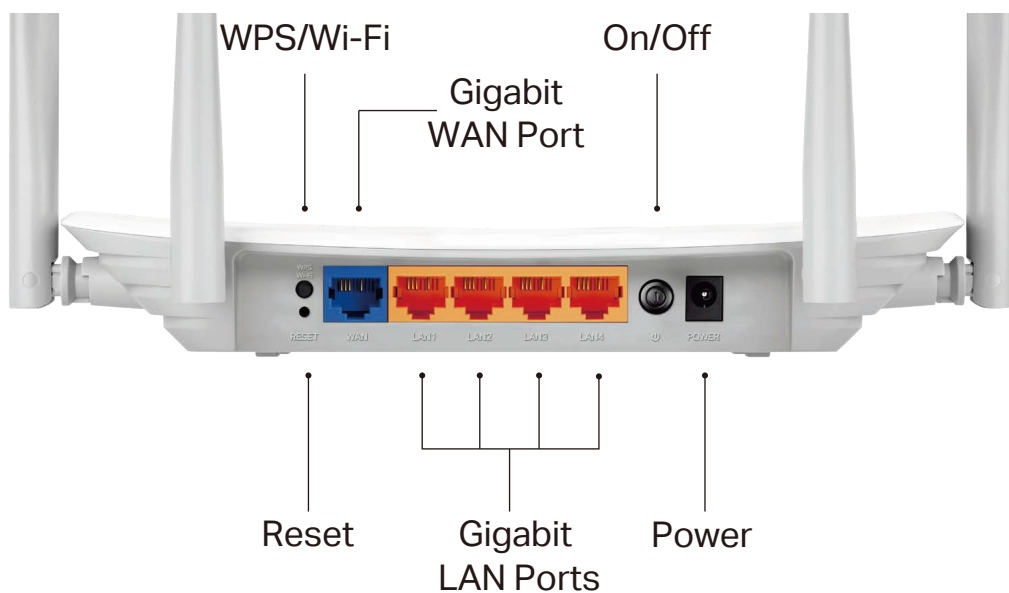


### TP-Link's Aginet Solution: Greatly Reduce ISPs' OPEX

Support Aginet Config, enabling ISPs to customize default configurations according to their requirements, and keep the settings after users reset devices.

Support Aginet ACS, enabling ISP to realize remote management of deployed devices and reduce on-site maintenance cost.

## Hardware Description



# Specifications

## Hardware

- **Interface**  
4× 10/100 Mbps RJ45 LAN Ports  
1× 10/100 Mbps RJ45 WAN Port
- **Antenna**  
4 Fixed Omni Directional Antennas
- **External Power Supply**  
9V/0.85A
- **Dimensions (W \* D \* H)**  
9.1 × 5.7 × 1.4 in (230 × 144 × 35 mm)
- **Button**  
Reset Button, Power On/Off Button,  
WPS/Wi-Fi On/Off Button

## Wireless

- **Wireless Standards**  
IEEE 802.11a/n/ac 5GHz, IEEE 802.11b/g/n 2.4GHz
- **Signal Rate**  
867Mbps at 5GHz, 300Mbps at 2.4GHz
- **Transmit Power**  
CE: <20 dBm(2.4GHz), <23 dBm(5GHz)
- **Wireless Security**  
WPA/WPA2-Personal, WPA2/WPA3-Personal,  
WPA/WPA2-Enterprise encryptions, provide active  
protection against security threats
- **Wireless Function**  
Enable/Disable Wireless Radio, WDS Bridge, WMM,  
Wireless Schedule, Wireless Statistics, EasyMesh,  
MU-MIMO, Guest Network
- **Support EasyMesh**  
Seamless Roaming, Self-healing, Support 802.11k/v
- **Frequency**

	Band	Frequency
FCC	2.4G	CH1-11 [2402-2472MHz]
	5G	Band1: CH36/40/44/48 [5170-5250MHz] Band4: CH149/153/157/161/165 [5375-5835MHz]
CE	2.4G	CH1-13 [2402-2482MHz]
	5G	Band1: CH36/40/44/48 [5170-5250MHz]

## Software

- **WAN Type**  
Dynamic IP, Static IP, PPPoE, PPTP, L2TP
- **DHCP**  
Server, DHCP Client List, Address Reservation
- **Port Forwarding**  
Virtual Server, Port Triggering, UPnP, DMZ
- **VPN Passthrough**  
PPTP, L2TP, IPSec
- **Dynamic DNS**  
DynDns, NO-IP
- **Access Control**  
Parental Control, Local Management Control, Host List, White  
List, Black List
- **Protocols**  
IPv4, IPv6
- **Management**  
Access Control, Local Management, Remote Management,  
TR-069, TR181, TR-111, TR143
- **APP Management**  
Aginet APP

## Others

- **System Requirements**  
Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8,  
8.1,10, MAC OS, NetWare, UNIX or Linux Internet Explorer 11,  
Firefox 12.0, Chrome 20.0, Safari 4.0 browsers or higher.
- **Certification**  
CE, FCC, RoHS
- **Environment**  
Operating Temperature: 0°C~40°C (32°F ~104°F)  
Storage Temperature: -40°C~60°C (-40°F ~140°F)  
Operating Humidity: 10%~90% non-condensing  
Storage Humidity: 5%~90% non-condensing
- **Package Contents**  
AC1200 Wireless Dual Band Router EC220-F5  
1× RJ45 Ethernet Cable  
1× Power Adapter  
1× Quick Installation Guide