AC1200 Wireless Dual Band Gigabit Router

MODEL: EC220-G5

Overview

The EC220-G5 is TP-Link wireless router with high-speed dual-band Wi-Fi for better connection. Rapid wireless speeds of up to 300Mbps at 2.4GHz & 867Mbps at 5GHz.

Fast Wireless Connection

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

Gigabit Internet Access

Take full advantage of the broadband with speed up to 1 Gbps through a Gigabit WAN port and three Gibabit Ethernet LAN ports for fast and reliable wired connections.

Easy Remote Management

Support TR-069/181/111/143 protocols, enabling ISPs to remotely configure and manage end-user devices.

EasyMesh Feature Supported

EC220-G5 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.
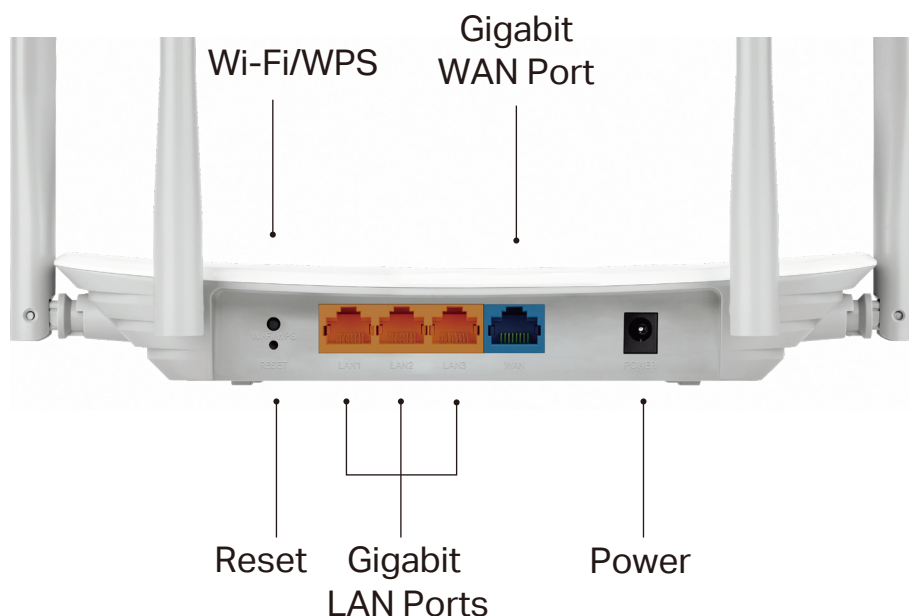
TP-Link's Aginet Solution: Greatly Reduce ISPs' OPEX

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

Wi-Fi/WPS

Gigabit WAN Port

Reset

Gigabit LAN Ports

Power

Specifications

Hardware

- **Interface**

  3× 10/100/1000 Mbps RJ45 LAN Ports
  1× 10/100/1000 Mbps RJ45 WAN Port

- **Antenna**

  4 Fixed Omni Directional Antennas

- **External Power Supply**

  12V/1A

- **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

- **Frequency**

  2.4 GHz and 5 GHz

- **Signal Rate**

  867Mbps at 5GHz, 300Mbps at 2.4GHz

- **Transmit Power**

  FCC: <30 dBm
  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

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 browers or higher.

- **Certification**

  CE, 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 Gigabit Router EC220-G5
  1× RJ45 Ethernet Cable
  1× Power Adapter
  1× Quick Installation Guide