![TP-Link | Aginet logos]

AC1200 MU-MIMO Wi-Fi Router

MODEL:EC223-G5

Overview

The EC223-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.

Full Gigabit Ports

Support 1000Mbps WAN port and four 1000Mbps LAN port, for ultrafast data transfer speeds

IPTV Services

Support IGMP Proxy/Snooping, Bridge and Tag VLAN to optimize IPTV streaming

Easy Remote Management

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

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.

Support Multi-SSID

Multiple SSID helps ISPs easily create separate WLAN networks for various service deployments, such as IPTV, Internet, etc.
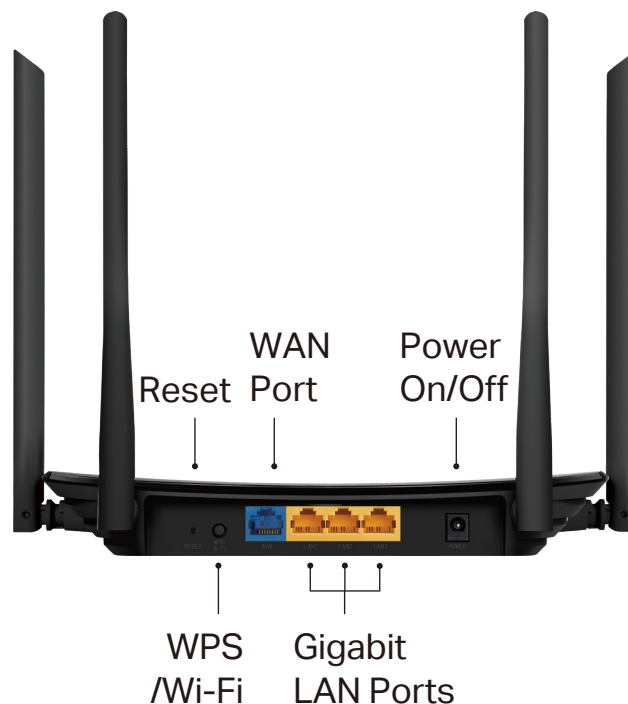
TP-Link's Aginet Solution: Greatly Reduce ISPs' OPEX

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

Reset   WAN Port   Power On/Off   WPS /Wi-Fi   Gigabit LAN Ports

Specifications

Hardware

- **Interface**
  1 10/100/1000 Mbps RJ45 WAN Port,
  3 10/100/1000 Mbps RJ45 LAN Ports,

- **Antenna**
  4 External Antennas

- **External Power Supply**
  12V/1A

- **Dimensions (W * D * H)**
  9.1 × 5.7 × 1.5 in (230 × 144 × 37 mm)

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**
  300Mbps at 2.4GHz, 867Mbps at 5GHz

- **Transmit Power**
  CE: <20dBm(2.4GHz), <23dBm(5GHz)

- **Wireless Function**
  Enable/Disable Wireless Radio, WDS Bridge, WMM,
  Wireless Statistics

- **Wireless Security**
  WPA-PSK[TKIP]/WPA2-PSK[AES]/WPA3-Personal/WPA2-Enterprise

- **Wireless Schedule**
  Support 2.4 GHz and 5 GHz Wireless Schedule

- **Support EasyMesh**

Software

- **DHCP**
  Server, Client, DHCP Client List, Address Reservation

- **WAN Type**
  Dynamic IP/Static IP/PPPoE/PPTP/L2TP(Multi-EWAN)

- **Quality of Service**
  WMM, Bandwidth Control

- **Port Forwarding**
  Vritual Server, Port Triggering, DMZ, UPnP

- **VPN Pass-through**
  PPTP, L2TP, IPSec

- **Access Control**
  Parental Control, black list, URL filtering.

- **Firewall Security**
  DoS, SPI Firewall, IP Address Filter, IP and MAC Address Binding

- **Protocols**
  Supports IPv4 and IPv6

- **Management**
  Local Management, Remote Management, Aginet APP management, TR-069/181/111/143

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 MU-MIMO Wi-Fi Router EC220-G5
  Power Supply Unit
  RJ45 Ethernet Cable
  Quick Installation Guide