AC1200 Whole Home Mesh Wi-Fi AP

MODEL: HC220-G5



Overview

HC220-G5 is a TP-Link Wi-Fi 5 Mesh AP based on the 802.11ac standard. Take your Wi-Fi to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi standards.

AC1200 Dual Band Wi-Fi

Deliver total Wi-Fi speeds up to 1.2 Gbps (867 Mbps on 5 GHz, and 300 Mbps on 2.4 GHz) based on 802.11ac Wi-Fi technology.

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

Wireless, Hassle-free Installation

In TP-Link mesh Wi-Fi system, if a link is not usable for any reason, network resources could still be available via a second link as a fail-safe.

EasyMesh Feature Supported

HC220-G5 adopts EasyMesh technology, which has further improved and standardized Wi-Fi functions, such as Wi-Fi diagnostics, channel selection and traffic separation.

Specifications

Hardware

- Interface

  2× 10/100/1000 Mbps RJ45 LAN Ports
  1× 10/100/1000 Mbps RJ45 WAN/LAN Port
- Antenna

  Internal antennas
- External Power Supply

  12VDC/1.0A(For US)
- Dimensions (W * D * H)

  3.9 x 3.9 x 3.5 in (100 x 100 x 89.5 mm)
- Button

  WPS Button, Reset Button
- CPU

  Dual-Core, 1.0 GHz

Wireless

- Wireless Standards

  IEEE 802.11a/n/ac 5 GHz, IEEE 802.11b/g/n 2.4 GHz
- Frequency

  2.4 GHz and 5 GHz
- Signal Rate

  867 Mbps at 5GHz, 300 Mbps at 2.4GHz
- Transmit Power

  CE: <20 dBm (2.4 GHz), <23 dBm (5 GHz),
  FCC: <30 dBm
- Wireless Security

  WPA/WPA2/WPA3 Personal, WPA/WPA2 Enterprise
- Wireless Function

  Enable/Disable Wireless Radio, WMM, Wireless Statistics, Multi-SSID, Guest Network, TX Beamforming, MU-MIMO
- Support EasyMesh

  Seamless Roaming, Self-healing, Support 802.11k/v/r

Software

- Working Mode

  Router Mode, AP Mode
- WAN Type

  Dynamic IP/Static IP/PPPoE/PPTP/L2TP/Bridge
  Multi-EWAN
- Protocols

  Supports IPv4 and IPv6
- Multi SSID

  Up to 4 SSIDs for each band (including main SSID)
- Features

  Parental Control, Firewall, IPSEC VPN, IPv6, Port Forwarding, NAT Forwarding, Address Reservation, QoS(Quality of Service), CWMP, Network Diagnosis, Traffic Statistic, Cloud upgrade, 1024-QAM, MU-MIMO, OFDMA, EasyMesh
- Management

  Local management: WebGUI management, Aginet app management
  Remote management: TR-069, TR-181, TR369, TR-111,TR-143
  Cloud management: TAUC
- DHCP

  Server, Client
- Firewall Security

  DoS, SPI Firewall, IP and MAC Address Binding
- Support IPTV, IGMPV2/3 and IGMP Snooping
- Schedule

  LED Schedule, Wi-Fi Schedule

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, FCC, DFS
- 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 Whole Home Mesh Wi-Fi AP
  1× RJ45 Ethernet Cable
  1× Power Adapter
  1× Quick Installation Guide