

# AX1800 Whole Home Mesh Wi-Fi AP

MODEL: HX220



## Overview

HX220 is a TP-Link Wi-Fi 6 Mesh AP based on the 802.11ax standard. Take your Wi-Fi to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi standards.



### AX1800 Dual Band Wi-Fi

Deliver total Wi-Fi speeds up to 1.8 Gbps (1201 Mbps on 5 GHz, and 574 Mbps on 2.4 GHz) based on 802.11ax 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 gigabit 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

HX220 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/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz
- **Frequency**
  - 2.4 GHz and 5 GHz
- **Signal Rate**
  - 1201 Mbps at 5GHz, 574Mbps 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 browsers 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**
  - AX1800 Whole Home Mesh Wi-Fi AP  
1× RJ45 Ethernet Cable  
1× Power Adapter  
1× Quick Installation Guide