

# AX1800 Dual Band Wi-Fi 6 Router

MODEL: EX220 2.0



## Overview

EX220 is a TP-Link Wi-Fi 6 router 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.



### Faster Wireless Connection

Integrating the latest Wi-Fi technology, EX220 reaches speeds up to 1201 Mbps on the 5 GHz band and 574 Mbps on 2.4 GHz.



### Flexible Coverage Expansion

EX220 is compatible with standardized EasyMesh technology. Several EX220 can simply networking together to expand the Wi-Fi coverage and capacity throughout your home.



### Latest WPA3 Security

WPA3 brings new capabilities and improves your cybersecurity. More secure encryption in Wi-Fi password safety and enhanced protection against brute-force attacks combine to safeguard your home Wi-Fi.



### Easy Remote Management

TR-069 protocol, TAUC, and Aginet app are supported. Service providers can manage multiple devices remotely.

# Specifications

## Hardware

- **Interface**  
3× 10/100/1000 Mbps RJ45 LAN Ports  
1× 10/100/1000 Mbps RJ45 WAN Port
- **Antenna**  
4× External Antennas
- **External Power Supply**  
12V/1A
- **Dimensions (W \* D \* H)**  
7.2 × 3.7 × 1.3 in (182.7 × 94 × 33.3 mm)
- **Button**  
Reset Button, Wi-Fi/WPS Button

## 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, 574 Mbps at 2.4GHz
- **Transmit Power**  
CE: <20dBm (2.4 GHz), <23dBm (5.17 GHz–5.71 GHz)  
FCC:<30dBm (2.4 GHz & 5.15 GHz–5.825 GHz)
- **Wireless Security**  
WPA-PSK[TKIP]/WPA2-PSK[AES]/  
WPA3-Personal/WPA2-Enterprise
- **Wireless Function**  
Enable/Disable Wireless Radio, WMM, Wireless Statistics,  
OFDMA, MU-MIMO, Beamforming, Band Steering, Airtime  
Fairness
- **Wireless Schedule**  
Supports 2.4 GHz and 5 GHz Wireless Schedule
- **EasyMesh Support**  
EasyMesh compatible, Support 802.11k/v/r

## 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.
- **Certifications**  
CE

## Software

- **Working Mode**  
Router Mode, AP Mode
- **WAN Type**  
Dynamic IP/Static IP/PPPoE/PPTP/L2TP(Multi-EWAN)
- **Protocols**  
Supports IPv4 and IPv6
- **Multi SSID**  
Up to 3 SSIDs on 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, OFDMA, EasyMesh, Multi-SSID, Guest Network
- **Management**  
Local management: WebGUI management, Aginet app management  
Remote management: TR-069(TR-098/TR-181), TR-111, TR-143,  
Aginet ACS, TAUC
- **DHCP**  
DHCP Client, DHCP Server, DHCP Relay, Address Reservation,  
Condition Pool
- **Port Forwarding**  
Virtual Server, Port Triggering, UPnP, DMZ
- **Dynamic DNS**  
NO-IP, DynDNS, TP-Link DNS
- **VPN Server**  
PPTP, OpenVPN, IPSec
- **VPN Pass-through**  
IPSec, PPTP, L2TP
- **NAT Forwarding**  
ALG, Virtual Server, Port Trigger, DMZ, uPnP
- **Firewall Security**  
DoS, SPI Firewall, IP and MAC Address Binding
- **Quality of Service**  
Support HW QoS
- **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**  
1× AX1800 Dual Band Wi-Fi 6 Router EX220  
1× RJ45 Ethernet Cable  
1× Power Adapter  
1× Quick Installation Guide