

# AX1500 Dual Band Gigabit Wi-Fi 6 Router

MODEL: EX141



## Overview

EX141 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, EX141 reaches speeds up to 1201 Mbps on the 5 GHz band and 300 Mbps on 2.4 GHz.



### Flexible Coverage Expansion

EX141 is compatible with standardized EasyMesh technology. Several EX141 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 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, 300 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
- **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× AX1500 Dual Band Gigabit Wi-Fi 6 Router EX141
  - 1× RJ45 Ethernet Cable
  - 1× Power Adapter
  - 1× Quick Installation Guide