tp-link | **Aginet**

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.

Lastest 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

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

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.

- **Certifications**

  CE

- **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