

AX1500 Whole Home Mesh Wi-Fi 6 AP

MODEL: HX141



Overview

HX141 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.



Faster Wireless Connection

Integrating the latest Wi-Fi technology, HX141 reaches speeds up to 1201 Mbps on the 5 GHz band and 300 Mbps on 2.4 GHz.



Flexible Coverage Expansion

HX141 is compatible with standardized EasyMesh technology. Several HX141 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**
2× 10/100/1000 Mbps RJ45 LAN Ports
1× 10/100/1000 Mbps RJ45 WAN/LAN Port
- **Antenna**
Internal antennas
- **External Power Supply**
12V/1A
- **Dimensions (W * D * H)**
3.9 × 3.9 × 3.5 in (100 × 100 × 89.5mm)
- **Button**
Reset Button, WPS Button

Wireless

- **Wireless Standards**
IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n 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 GHz)
FCC:<30dBm
- **Wireless Security**
WPA/WPA2/WPA3 Personal,
WPA/WPA2 Enterprise
- **Wireless Function**
MU-MIMO, WMM, OFDMA, Beamforming,
Band Steering, Airtime Fairness
- **Wireless Schedule**
Supports 2.4 GHz and 5 GHz Wireless Schedule
- **EasyMesh Support**
EasyMesh compatible, IEEE 802.11k/v/r, Ethernet Backhaul,
Seamless Roaming

Software

- **Working Mode**
Router Mode, AP Mode
- **WAN Type**
Dynamic IP/Static IP/PPPoE/L2TP/PPTP/Bridge (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, EasyMesh
- **Management**
Local management: WebGUI management, Aginet app management
Remote management: TR-069, TR-181, TR-111, TR-143, Aginet ACS
- **DHCP**
DHCP Client, DHCP Server, DHCP Relay, Address Reservation, Condition Pool
- **Firewall Security**
DoS, SPI Firewall, IP and MAC Address Binding
- **Support IPTV, IGMPV2/3 and IGMP Snooping**
- **Parental Control**
- **LED Schedule**

Others

- **System Requirements**
Internet Explorer 11+, Firefox 12.0+, Chrome 20.0+, Safari 4.0+, or other JavaScript-enabled browser
Cable or DSL Modem (if needed)
Subscription with an internet service provider (for internet access)
- **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 Whole Home Mesh Wi-Fi 6 AP HX141
1× RJ45 Ethernet Cable
1× Power Adapter
1× Quick Installation Guide