



AX3000 Whole Home Mesh Wi-Fi AP

MODEL: Hexagon P50



Overview

Hexagon P50 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.



AX3000 Dual Band Wi-Fi

Combined with the new Wi-Fi technology, including 1024QAM, HE160 and 4x Longer OFDMA Symbol, Hexagon P50 leads up to 574 Mbps on the 2.4GHz band and 2402 Mbps on the 5GHz band.



Gigabit Internet Access

Take full advantage of the broadband with speed up to 1 Gbps through a Gigabit WAN/LAN port and two 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.

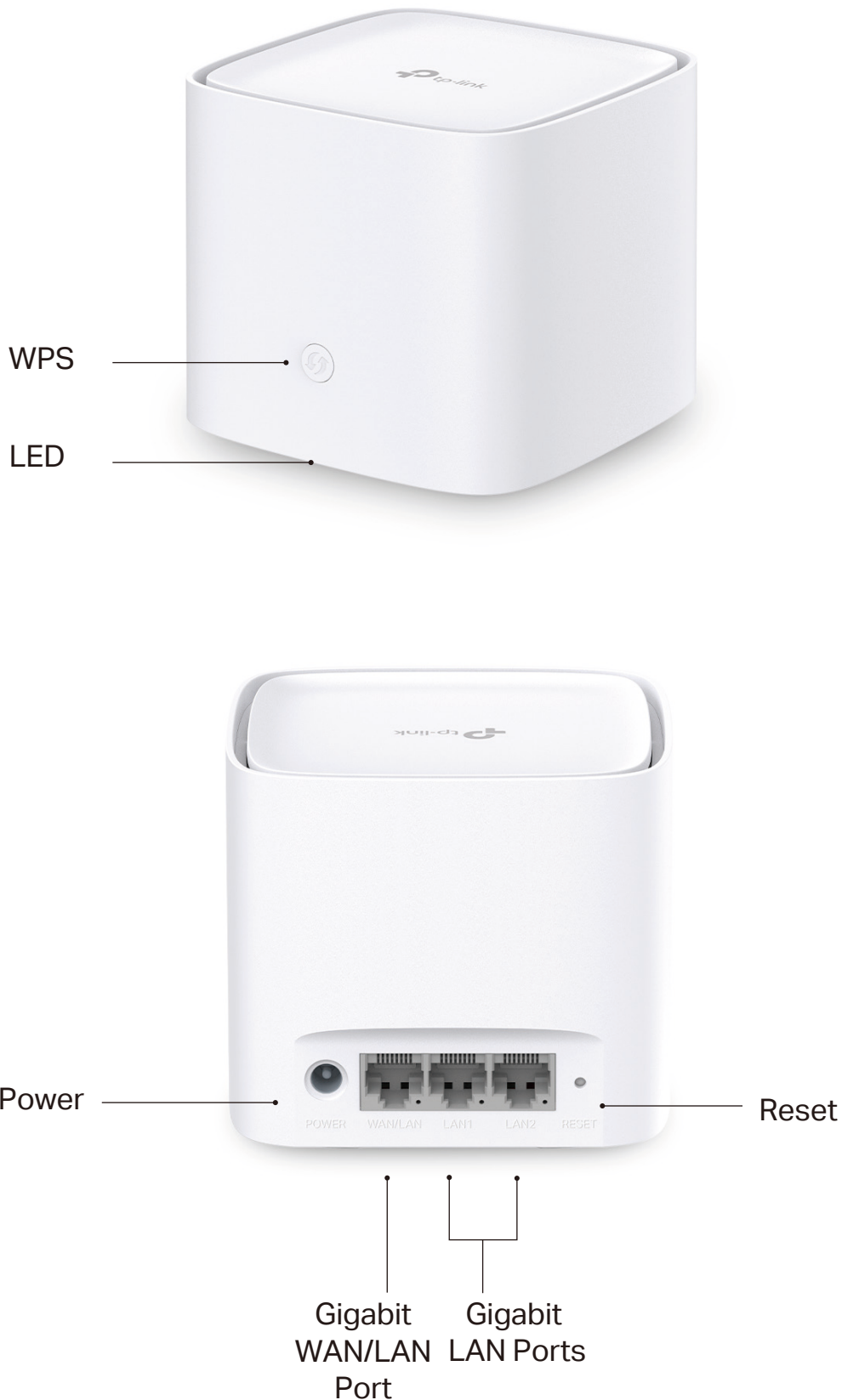


Plume® HomePass™ Support

Manage and control your entire home network in your palm with constant optimization and advanced protection.



Hardware Description



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/1.5A(For US)
- Dimensions (W * D * H)
 - 4.7 × 4.7 × 3.8 in (120 × 120 × 96.5mm)
- Button
 - WPS Button, Reset Button
- CPU
 - 1 GHz Dual-Core CPU
- LED
 - 1× Multi-colored Status LED

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
 - 2402Mbps at 5GHz, 574Mbps at 2.4GHz
- Transmit Power
 - FCC: <30 dBm
- Wireless Security
 - WPA/WPA2/WPA3 Personal
- Support Plume Mesh
 - Seamless Roaming, Support 802.11k/v/r
- DFS channel
 - 52 to 64, 100 to 144
- MU-MIMO
- Band Steering
- Beamforming
- Optimization
- Guest Network

Software

- Working Mode
 - Router Mode, Bridge Mode
- Protocols
 - Supports IPv4 and IPv6
- Plume HomePass APP Configuration, Control and Management
- OpenSync Platform
- Parental Controls
- QoS(Quality of Service)
- Multi-PSK
- Ookla speedtest
- Guard 2.0
- SamKnows(Coming Soon)

Others

- 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× AX3000 Whole Home Mesh Wi-Fi AP Hexagon P50
 - 1× RJ45 Ethernet Cable
 - 1× Power Adapter
 - 1× Quick Installation Guide