



AXE11000 Whole Home Mesh Wi-Fi 6E AP

MODEL: Hexagon P110



Overview

Hexagon P110 is a high-performance Wi-Fi 6E Tri-band mesh AP with two 10 Gbps WAN/LAN ports, and a gigabit WAN/LAN port. Deliver even more faster Wi-Fi speeds with less interference and congestion while being backwards compatible with 802.11 a/b/g/n/ac Wi-Fi devices. Perfect for FTTH deployment and a fully connected home.



AXE11000 Tri-Band Wi-Fi

Deliver total Wi-Fi speeds up to 11 Gbps across 6 GHz, 5 GHz, and 2.4 GHz bands for even faster speeds, lower latency, and better online experience.



Works on 6 GHz Band

Minimize congestion with greenfield spectrum to enable high-bandwidth applications that require faster data throughput.



Outstanding 10Gbps Wired Performance

Take full use of the bandwidth speeds to 10 Gbps through two 10 Gbps WAN/LAN ports for even faster internet access and wired connection.



Plume® HomePass™ Support

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

Features



Upgrade Your Wi-Fi to 6E

Wi-Fi 6E utilizes the capabilities of 6 GHz to enable high-bandwidth applications that require faster data throughput such as high-definition video streaming and virtual reality, as well as lower latency connectivity for online gaming applications.

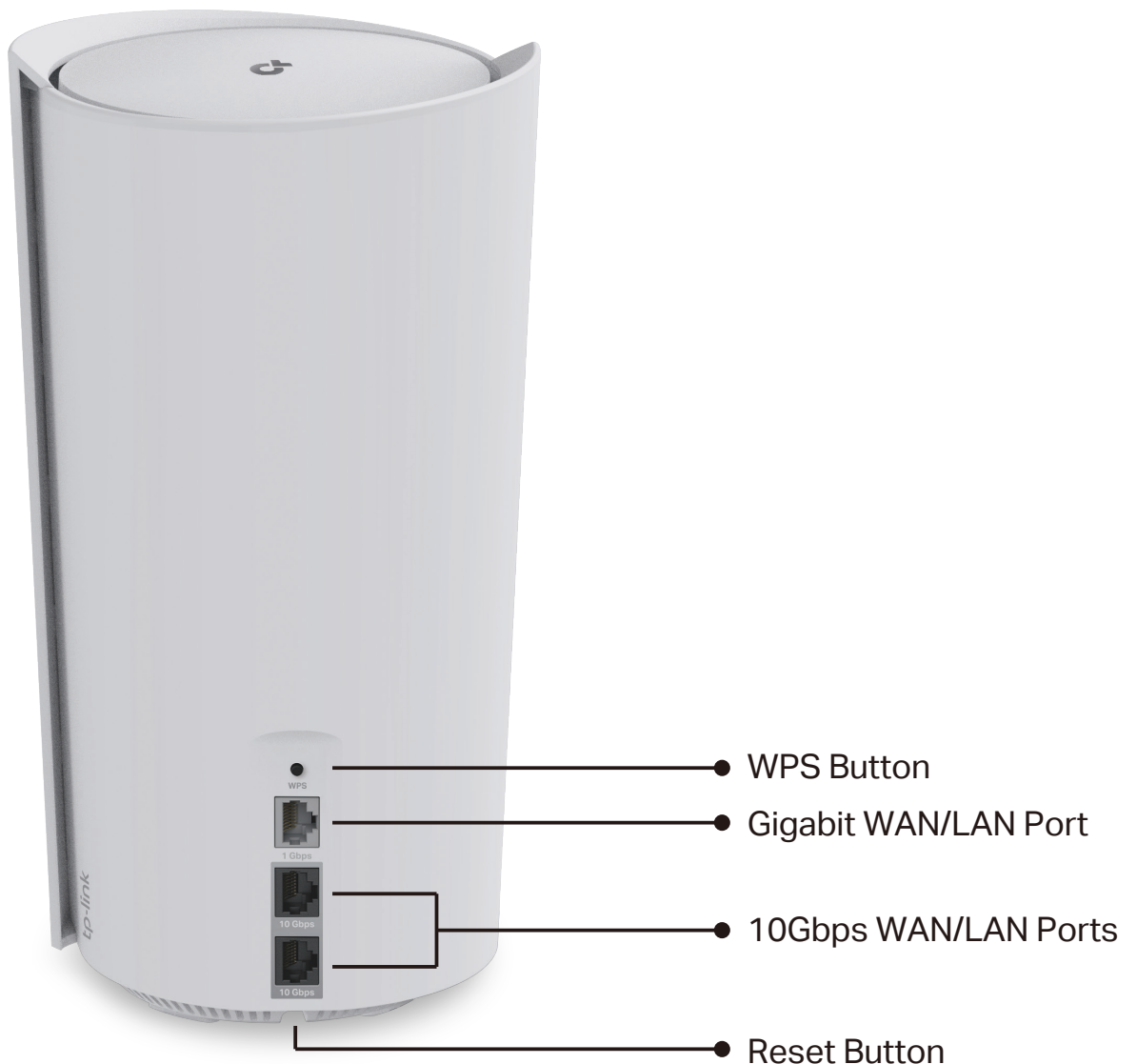
- More spectrum, lower latency
- Wider channels, more throughput
- Congestion-free, less interference
- Supports all WiFi generations and devices



Seamless Roaming

Hexagon P110 can work together with other OpenSync mesh devices to form mesh network. Your phone or tablet automatically connects to the fastest mesh device as you move through your home, creating a truly seamless WiFi experience.

Hardware Description



Specifications

Hardware

- CPU
Qualcomm Quad-core 2.2 GHz
- FLASH
128 MB
- RAM
1 GB
- Interface
2× 10 Gbps RJ45 WAN/LAN Ports,
1× 10/100/1000 Mbps RJ45 WAN/LAN Port
- Antenna
High-Gain Internal Antennas
- External Power Supply
12VDC/4.5A
- Dimensions (W * D * H)
5.12 × 4.86 × 9.49 in (130 × 123.5 × 241 mm)
- Button
Reset Button, WPS Button

Wireless

- Wireless Standards
IEEE 802.11ax 6GHz, IEEE 802.11a/n/ac/ax 5GHz,
IEEE 802.11b/g/n/ax 2.4GHz
- Mesh Protocol
802.11k/v/r
- Frequency
2.4GHz, 5GHz, and 6GHz
- Signal Rate
1148 Mbps on 2.4GHz, 4804 Mbps on 5GHz, 4804 Mbps on 6GHz
- Transmit Power
CE: <20dBm (2.4GHz); <23dBm (5GHz); <23dBm (6GHz)
FCC: <30dBm (2.4GHz); <30dBm (5GHz); <30dBm (6GHz)
- 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

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
AXE11000 Whole Home Mesh Wi-Fi 6E AP Hexagon P110
1× RJ45 Ethernet Cable
1× Power Adapter
1× Quick Installation Guide