

# AX3000 Dual-Band Wi-Fi Mesh AP

## ZXHN H3601P



### Overview

ZXHN H3601P is an advanced home gateway that supports 3000Mbps dual-band concurrent 11ax Wi-Fi, supporting 160MHz@5GHz. It provides High Speed Internet and IPTV through the GE uplink.

H3601P complies with the EasyMesh standard to provide whole home Wi-Fi coverage. With its ultra-high Wi-Fi speed and optimized QoS, this device brings you the ultimate Wi-Fi experience.



### Highlights



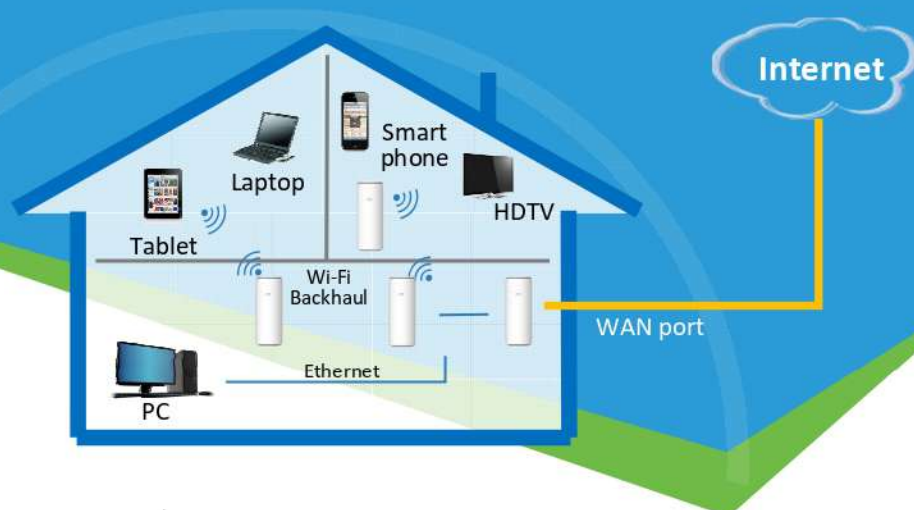
#### Whole Home Wi-Fi Coverage

- Standardized EasyMesh multi-AP network
- Self-healing improves network robustness



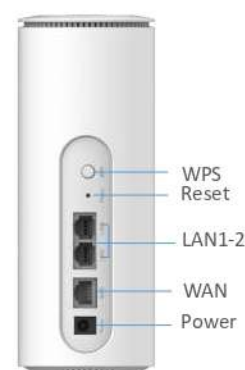
#### Ultimate Wi-Fi Experience

- MU-MIMO and OFDMA bring better concurrency and higher bandwidth
- Dual band concurrent Wi-Fi 6 up to 3000Mbps
- Band steering and smart roaming optimize QoS



### Hardware Specifications

Interfaces	WAN	• 1xGE RJ-45 port
	LAN	• 2xGE RJ-45 ports • 2x2 802.11b/g/n/ax @ 2.4GHz • 2x2 802.11a/n/ac/ax 160MHz@5GHz
Buttons	• Mesh/WPS • Reset	
LED	• Status (red, green and blue)	
Antennas	• Internal antennas	





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### Software Functions

#### Wi-Fi

- Manual/auto radio channel selection
- Transmit power adjustable
- Beamforming for the 5GHz band
- Open system/shared key authentication
- WPA/WPA2/WPA3 security
- 2x2 802.11a/n/ac/ax 160MHz@5GHz

#### Multiple APs

- EasyMesh compliance
- Star and daisy-chain networking
- Auto configuration, Plug & Play
- Band steering
- Smart roaming
- Self-healing backhaul

#### Networking

- IPv4/IPv6 dual-stack
- Port mapping/DMZ
- UPnP IGD with NAT traversal capability
- Static routing/dynamic routing
- Dynamic DNS relay
- DHCP client/server
- IGMP and MLD snooping/proxy

#### QoS

- Flexible packet classification
- 802.1p and DSCP remarking
- Up to eight queues
- SP/WRR/SP+WRR
- Priority based queue scheduling
- Wi-Fi Multimedia (WMM)

#### Security

- Stateful Packet Inspection (SPI) firewall
- Denial of Service (DoS) protection
- Multi-VPN pass-through (L2TP/PPTP/IPSec)
- MAC/IP/URL filtering
- Service based access control

#### Management

- Web GUI based management
- TR-069 Remote management

### Other Characteristics

Power Supply	<ul style="list-style-type: none"><li>• 12V DC, 1.0 A</li></ul>
Physical	<ul style="list-style-type: none"><li>• Net weight: TBD</li><li>• Dimensions: 184*125*70 mm</li></ul>
Environmental	<ul style="list-style-type: none"><li>• Operating temperature: 0 °C - 40 ° C (23° F~113° F)</li><li>• Humidity: 5% - 95% (non-condensing)</li></ul>
Certification	<ul style="list-style-type: none"><li>• CE certification</li><li>• Wi-Fi 6 certification</li></ul>