

# AX1800 Dual-Band Wi-Fi AP/Extender ZXHN H3601



## Overview

ZXHN H3601 is a gigabit dual-band Wi-Fi 6 mesh AP/extender with sleek styling that blends perfectly with the home.

ZXHN H3601 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



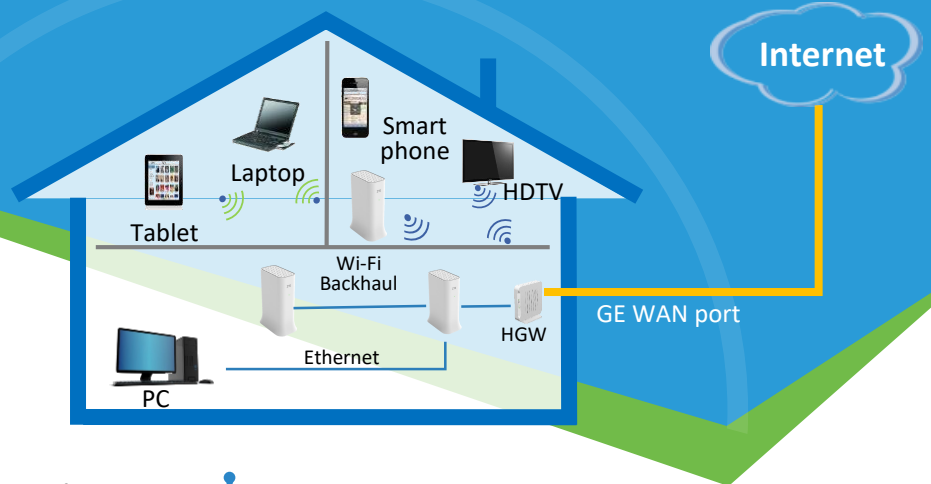
### Whole Home Wi-Fi Coverage

- 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 1800Mbps
- Band steering and smart roaming optimize QoS



### Stylish IC Design

- Sleek styling blends perfectly with the home
- Internal antennas design is more in line with fashion trends

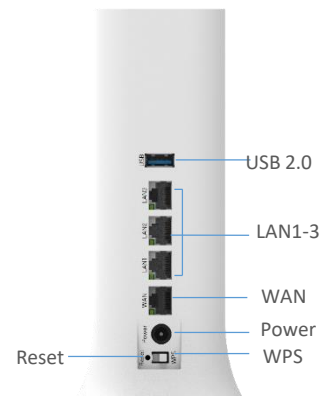
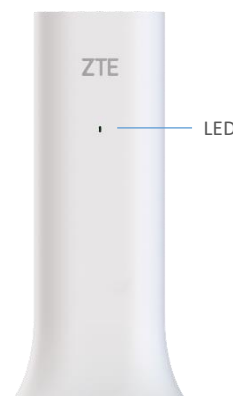


### More Flexible Management

- Robust remote management via TR-069 protocol

## Hardware Specifications

Interfaces	WAN	• 1xGE RJ-45 port
	LAN	• 3xGE RJ-45 ports • 2x2 802.11b/g/n/ax Wi-Fi @ 2.4GHz • 2x2 802.11a/n/ac/ax Wi-Fi @ 5GHz • 1xUSB 2.0 port
Buttons	• WPS • Reset	
LED	• Status (red and green)	
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
- Four broadcast/hidden SSIDs on each band

### 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/DWRR/SP+DWRR
- 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

- TR-069 remote management
- Web GUI based management
- Local built-in diagnostic function
- Logs and statistics
- Remote upgrade via HTTPS

## Other Characteristics

Power Supply	<ul style="list-style-type: none"> <li>• 12V DC, 1.5A</li> </ul>
Physical	<ul style="list-style-type: none"> <li>• Net weight: 440g</li> <li>• Dimensions (W x H x D): 128 x 180 x 79mm</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>