AX3000 Dual-band Wi-Fi 6 GPON Gateway

ZXHN F6201B

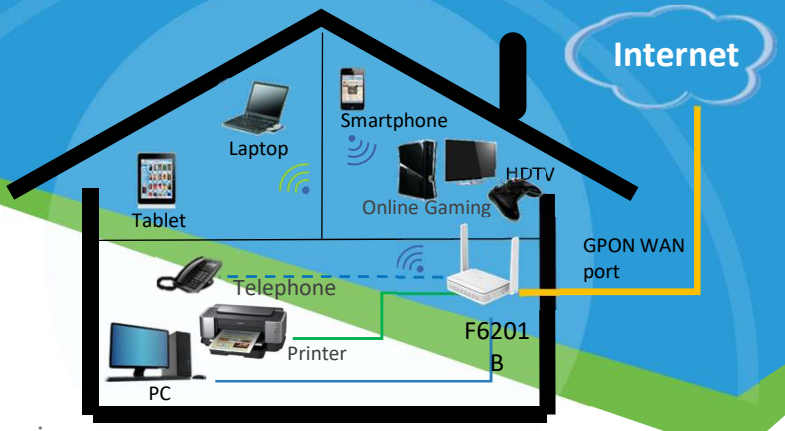


Overview

The ZXHN F6201B is an AX3000 dual-band triple-play GPON gateway, supporting 160MHz@5GHz. It comes with four GE LAN ports and one phone port.

MU-MIMO and OFDMA technologies sharply improve efficiency of the Wi-Fi network. Excellent Wi-Fi performance allows customers to better surf the web, watch videos and play online games.





Highlights

Ultimate Wi-Fi Experience

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

More Flexible Management

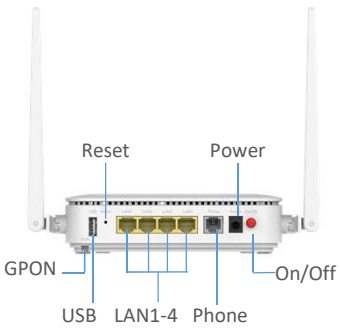
- Complete OMCI complying with ITU-T G.988
- OMCI and TR-069 management that complies with the BBF TR-142 framework

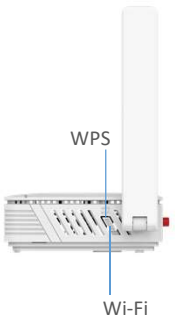
High Reliability

- The highly reliable heat dissipation design guarantees its stable operation
- The dual image ensures uninterrupted services during software download or upgrade, thereby enhancing software reliability

Hardware Specifications

Interfaces	WAN	•GPON
	LAN	• 4xGE RJ-45 ports • 1xFXS RJ-11 port • 1xUSB • 2x2 802.11b/g/n/ax Wi-Fi @ 2.4GHz • 2x2 802.11a/n/ac/ax Wi-Fi @ 5GHz
Buttons	• Wi-Fi • Reset • WPS • On/Off	
LEDs	• Power, PON, LOS, Internet, LAN1-4, 2.4G, 5G, WPS, Phone, USB	
Antenna	• External antennas	





Note: Not every listed feature will be included in the shipping product. ZTE reserves the right to make changes of technical specifications, housing or design without prior notice.

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Software Functions

Wi-Fi

- DL/UL MU-MIMO and OFDMA
- Manual/Auto radio channel selection
- Target-Wakeup Time
- Support 160MHz@5GHz band
- Beamforming for 5GHz band
- WPA/WPA2/WPA3 Security
- Four broadcast/hidden SSIDs on each band

VoIP

- SIP (RFC3261) compliant
- DTMF and pulse number receiving
- DTMF encryption algorithm (RFC2833)
- G.711 a/u law, G.729, and G.722 coding /encoding algorithm
- VAD and CNG
- T.30 fax, T.38 fax

Networking

- IPv4/IPv6 dual-stack
- Port mapping/DMZ/Virtual server
- 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 queuing scheduling
- Wi-Fi Multimedia (WMM)

Security

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

Management

- TR-069/OMCI remote management
- Web GUI based management
- Local built-in diagnostic function
- Logs and statistics

Other Characteristics

Power Supply	• **12V, 1.5A**
Characteristics	• **Net weight: TBD** • **Dimensions: 183x117x40mm**
Environmental	• **Operating temperature: 0 °C~40 °C(23 °F ~ 113 °F)** • **Humidity: 5% ~ 95% (non-condensing)**
Certification	• **CE** • **ROHS** • **Wi-Fi 6**

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