

AX3000 GPON FTTR Room ONT

ZXHN G1611



4*GE LAN



802.11ax



EasyMesh



Cloud Management

The ZXHN G81611 is an AX3000 dual-band GPON FTTR AP, supporting 160MHz@5GHz. It is well suited to Fiber To The Room(FTTR) scenario. It has four GE LAN ports, one phone port and one USB port. Compliant with EasyMesh, which suiting for mesh networking.

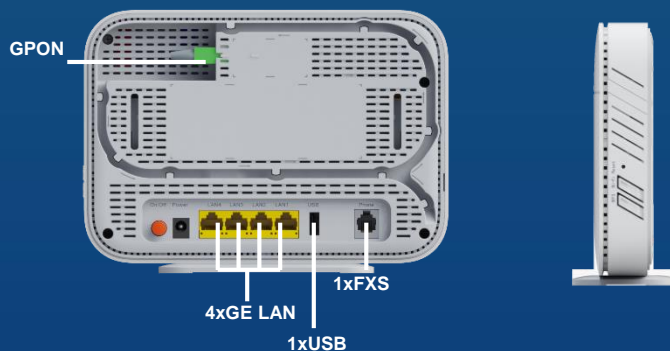
Ultimate Wi-Fi Experience

- 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
- TR157/MQTT suit for Cloud Wi-Fi management

Specifications



Dimensions: 203*141*33 (mm)

WAN	<ul style="list-style-type: none"> • GPON (SC-UPC)
LAN	<ul style="list-style-type: none"> • 4 * GE RJ-45 ports • 1 * FXS RJ-11 port • 1 * USB2.0 port • 2 x 2 802.11ax Wi-Fi @ 2.4GHz • 2 x 2 802.11ax Wi-Fi @ 5GHz (160MHz)

Key Features

Services

- High speed Internet
- IPTV over Mesh
- VoIP over Mesh
- Mesh roaming
- NAS access

Wi-Fi

- OFDMA and MU-MIMO
- Spatial reuse
- Target wakeup time
- Manual/auto radio channel selection
- WPA/WPA2/WPA3 security

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
- Priority-based queue 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

- ACS remote management
- Cloud remote management
- Web GUI based management
- Logs and statistics

FTTR Auxiliary Equipment

Main ONT



WAN: XGS-PON
LAN: GPON

In-home Splitter



1* uplink port +1*cascade
port +4* user port

Fiber Panel



1* user port