

AC1200 Dual-band Gigabit Premium GPON Gateway

ZXHN F671Y

Overview

The ZXHN F671Y is an AC1200 dual-band triple-play GPON gateway that complies with the EasyMesh standard. The product can be used as the controller in a whole-home Wi-Fi network.

Dual-band concurrent Wi-Fi up to 1200Mbps enables excellent Wi-Fi performance, which allows customers to better surf the web, watch videos and play online games.



3G/4G Mobile
Access Network



Internet



Highlights



Whole Home Wi-Fi Coverage

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



Ultimate Wi-Fi Experience

- Dual-band concurrent Wi-Fi up to 1.2Gbps
- Band steering, smart roaming optimize QoS

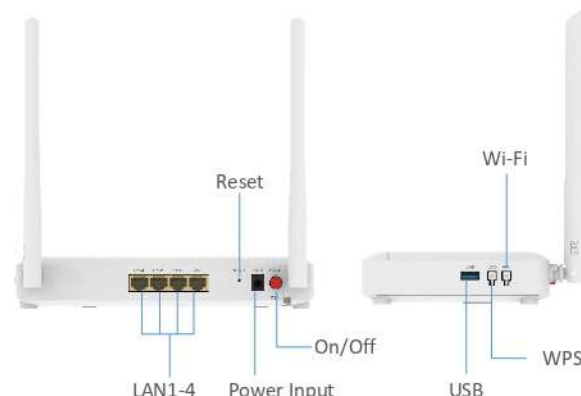


More Flexible Management

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

Hardware Specifications

Interfaces	WAN	• 1xSC/APC connector for GPON
	LAN	<ul style="list-style-type: none"> • 4xGE RJ-45 ports • 1xUSB 2.0 port • 2x2 802.11b/g/n Wi-Fi @ 2.4GHz • 2x2 802.11a/n/ac Wi-Fi @ 5GHz
Buttons	<ul style="list-style-type: none"> • Wi-Fi • WPS • Reset • Power On/Off 	
LEDs	<ul style="list-style-type: none"> • Power, PON, LOS, Internet, LAN1, LAN2, LAN3, LAN4, Wi-Fi, WPS, USB 	
Antenna	<ul style="list-style-type: none"> • External antennas 	





Software Functions

Wi-Fi

- Dual-band concurrent Wi-Fi
- Manual/Auto radio channel selection
- Beamforming for 5GHz band
- WPA/WPA2 Security
- Four broadcast/hidden SSIDs on each band

EasyMesh

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

Networking

- IPv4/IPv6 dual-stack
- Port Forwarding/DMZ/Virtual server
- 8000 Concurrent NAT sessions
- Static routing/dynamic routing
- Dynamic DNS relay
- DHCP client/server
- IGMP and MLD snooping/proxy
- 8 logical WAN interfaces

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)
- Parental Control

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(with TR-098/TR-181 data model)/OMCI remote management
- Web GUI based management
- Local built-in diagnostic function
- Logs and statistics
- Remote upgrade by HTTP

Other Characteristics

Power Supply	<ul style="list-style-type: none"> • 12V DC, 1A
Characteristics	<ul style="list-style-type: none"> • Net weight: 350g • Dimensions: 210x130x35 mm
Environmental	<ul style="list-style-type: none"> • Operating temperature: 0 °C~45 °C(32 °F ~ 113 °F) • Humidity: 5% ~ 95% (non-condensing)
Certification	<ul style="list-style-type: none"> • CE • Wi-Fi