

AC1200 Dual-band Gigabit Premium GPON Gateway

ZXHN F670L

Overview

The ZXHN F670L is an AC1200 dual-band triple-play GPON gateway that comes with four GE LAN ports and one phone port. 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.



Highlights



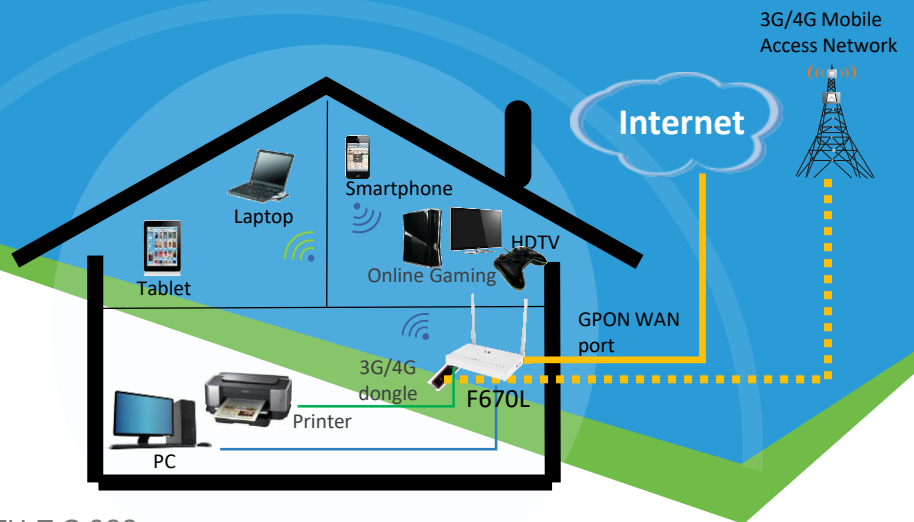
More Flexible Management

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



Ultimate Wi-Fi Experience

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

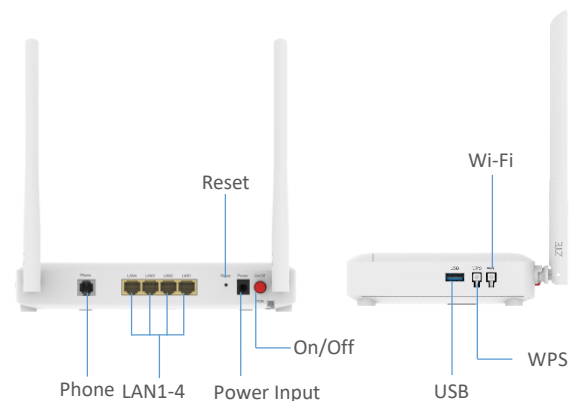


High Reliability

- 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	<ul style="list-style-type: none"> • 1xSC/APC connector for GPON
	LAN	<ul style="list-style-type: none"> • 4xGE RJ-45 ports • 1xFXS RJ-11 port • 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, Phone, 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

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(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~40 °C(23 °F ~ 113 °F) • Humidity: 5% ~ 95% (non-condensing)
Certification	<ul style="list-style-type: none"> • CE • Wi-Fi