AX6000 Wireless Hybrid Home Gateway
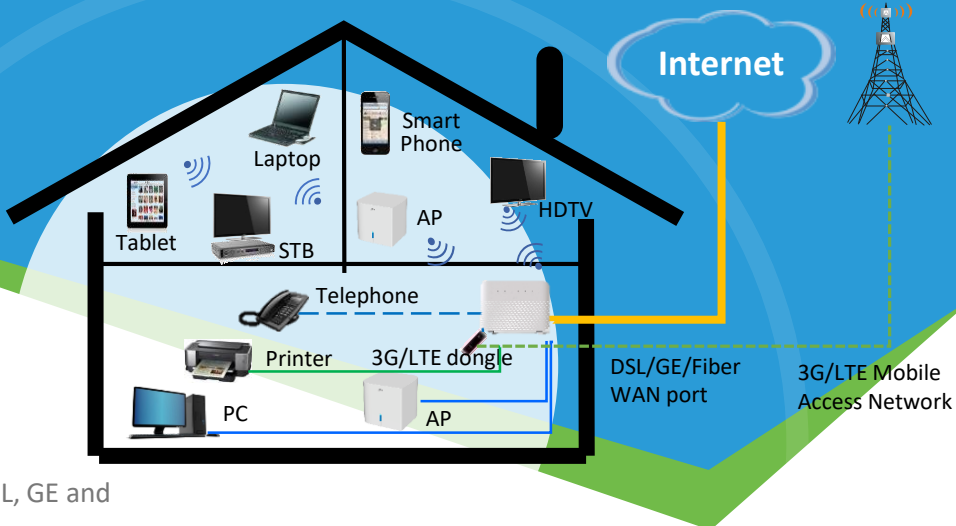
ZXHN H2640P

ZTE

Overview

ZXHN H2640P is a new generation hybrid home gateway with tri-mode uplink including VDSL2/ADSL, GE and Fiber(SFP). It supports Wi-Fi 6 (802.11ax) to enable more connectivity and ultra-high speed up to 6000Mbps.

It complies with EasyMesh standard to provide whole home Wi-Fi coverage as the controller.

Highlights

💡 Tri-mode Hybrid Uplink

- Auto WAN sensing among VDSL2/ADSL, GE and fiber(SFP)
- VDSL2 single line super-vectoring supported (profiles 17a, 30a up to 35b)

🚀 High Efficient Wi-Fi 6 (802.11ax)

- Dual band concurrent Wi-Fi 6 up to 6000Mbps
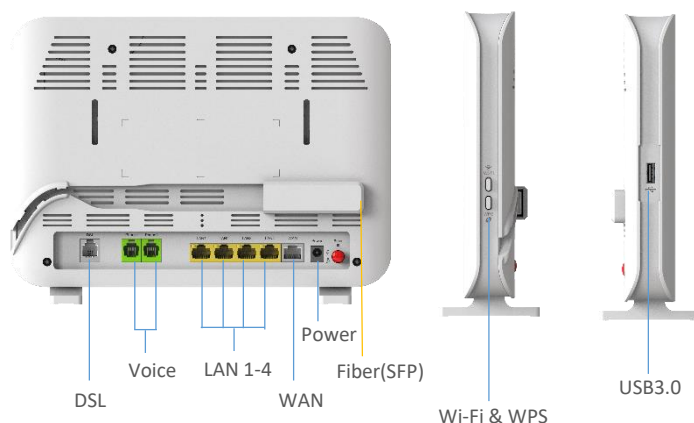- OFDMA and uplink/downlink MU-MIMO enable high efficiency

⚙️ More Flexible Management

- Remote management via TR-069 protocol
- WEB GUI based management
- TR-064 LAN-side configuration protocol

Specifications

Interfaces	WAN	• VDSL2/ADSL, GE, Fiber(SFP)
	LAN	• 4xGE • 2xFXS • 4x4 802.11ax @2.4GHz 4x4 802.11ax @5GHz(160MHz) • 1xUSB2.0+1xUSB3.0
Buttons		• Power • WPS • Reset • Wi-Fi

DSL · Voice · LAN 1-4 · WAN · Power · Fiber(SFP) · Wi-Fi & WPS · USB3.0

Features

Wi-Fi

- Wi-Fi 6 enables OFDMA and MU-MIMO
- Spatial Reuse
- Target-Wakeup Time
- Manual/Auto radio channel selection
- Open System/Shared Key authentication
- WPA/WPA2/WPA3 Security
- Four broadcast/hidden SSIDs on each band

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

EasyMesh

- EasyMesh compliance as the controller
- Band steering
- Smart roaming
- Self-healing backhaul

QoS

- Flexible packet classification
- Up to eight queues
- SP/DWRR/SP+DWRR
- Wi-Fi Multimedia (WMM)
- WEB GUI and TR-098 data model

Security

- Stateful Packet Inspection (SPI)
- Denial of Service (DoS) prevention
- Multiple VPN (IPSec, PPTP,L2TP) passthrough
- MAC/IP/URL filtering
- Service based access control

Management

- TR-069 remote management
- Web GUI management
- Local built-in diagnostic function
- Logs and statistics
- Remote upgrade by HTTP/HTTPS

Other Characteristics

Electrical	• AC adapter: 12V DC, 2.5A
Characteristics	• Net weight: 600g • Dimensions: 264*65*199 mm
Environmental	• Operating temperature: 0 °C~ 40°C(23°F ~ 113°F) • Humidity: 5% ~ 95% (non-condensing)
Certification	• CE • Wi-Fi 6