

Fusion FTTR Room ONT with ONT&IP STB

ZXHN G1632



STB



802.11ax



EasyMesh



Cloud Management

ZXHN G1632 combines the FTTR room ONT and the UHD STB in one box to provide premium triple-play services with AX3000 dual-band Wi-Fi 6 and AV1/HEVC (up to 4K*2K@60fps) UHD video processor.

It has two GE LAN ports, one phone port and one USB port. Compliant with EasyMesh, which suiting for mesh networking.



ONT&IP STB All-in-one Design

- Small size but provide extremely rich services
- Simplifies installation and commissioning
- Reduce single device failure rate and the complexity of O&M



Ultimate Wi-Fi Experience

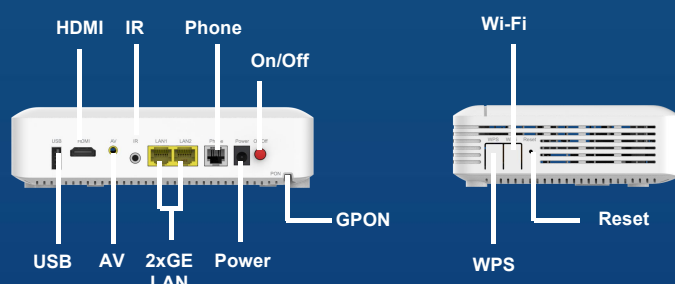
- Band steering, smart roaming optimize QoS
- Mesh network to enjoy whole home Wi-Fi experience



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	• GPON
LAN	• 2 * GE RJ-45 ports • 1 * FXS RJ-11 port • 1 * USB2.0 port • HDMI 2.0, mini-AV • Built-in Bluetooth 5.0 • 2 x 2 802.11ax Wi-Fi @ 2.4GHz • 2 x 2 802.11ax Wi-Fi @ 5GHz (160MHz)

FTTR

- VPN: L2TP/PPTP/IPsec
- Public Wi-Fi/ Mesh Wi-Fi
- Smart QoS
- EasyMesh

Wi-Fi

- OFDMA and MU-MIMO
- Spatial reuse
- Target wakeup time
- Manual/auto radio channel selection
- WPA/WPA2/WPA3 security
- 802.11k/v/r

Management

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

Security

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

FTTR Auxiliary Equipment

Main ONT -- G100A/S-C4



WAN: XGS-PON/GPON
LAN: GPON, 1x2.5GE,
3xGE, 1xFXS, 1xUSB

Main ONT -- G6605



WAN: GPON
LAN: GPON, 1x2.5GE,
3xGE, 1xFXS, 1xUSB

Main ONT -- G8605



WAN: XGS-PON
LAN: GPON, 1x2.5GE,
3xGE, 1xFXS, 1xUSB

Passive Optical Splitter



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

Invisible optical cable



ITU-T G.657.B3
20m/30m/50m
SC/UPC