

ZXHN F6705E

BE5040 Dual-band Wi-Fi 7 ONT



Wi-Fi 7 MLO



GPON



EasyMesh



Easy Management

Key Features



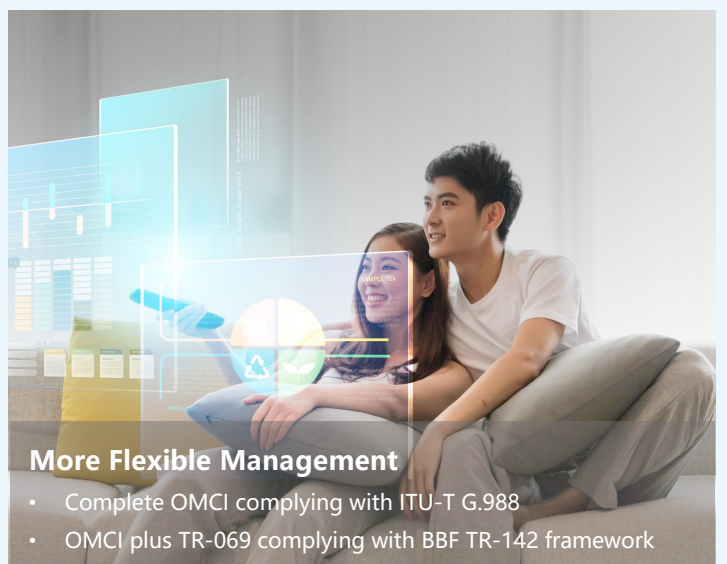
Ultimate Wi-Fi 7 Experience

- Higher-order 4096-QAM modulation, bring better concurrency and higher efficiency
- Dual band Wi-Fi 7 up to 5040Mbps
- Band steering, smart roaming optimize QoS



2.5GE Gigabit Speed

- 2.5GE LAN port brings higher throughput

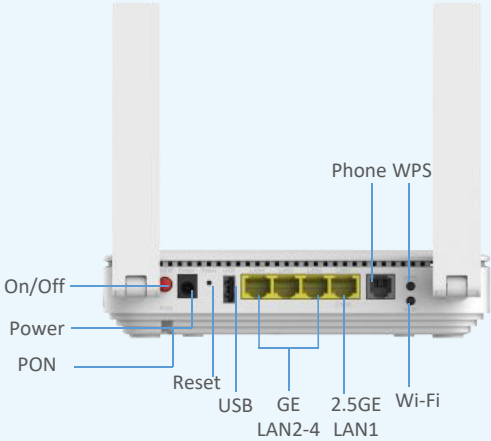


More Flexible Management

- Complete OMCI complying with ITU-T G.988
- OMCI plus TR-069 complying with BBF TR-142 framework

Hardware Specifications

WAN	Button
GPON	Wi-Fi, WPS, Reset, On/Off
LAN	LED
1x2.5GE RJ-45 port 3xGE RJ-45 ports 1xFXS RJ-11 port 1xUSB 2.0 port	Power, PON, LOS, Internet, 2.5GE, LAN2-4, Phone, 2.4G, 5G, WPS, USB
Wi-Fi	Physical Parameters
2x2 802.11b/g/n/ax/be Wi-Fi @ 2.4GHz 2x2 802.11a/n/ac/ax/be Wi-Fi @ 5GHz - Wi-Fi 2.4 GHz band: 2400 MHz – 2483.5 MHz EIRP: (19 ± 1) dBm - Wi-Fi 5 GHz band: 5150 MHz – 5350 MHz EIRP: (22 ± 1) dBm - Wi-Fi 5 GHz band: 5470 MHz – 5725 MHz EIRP: (29 ± 1) dBm	- Dimension: 183×117×41.5 mm - Weight: 450g - Operating temperature: 0 ~ 40°C - Humidity: 5% ~ 95% (non-condensing) - Power Adapter Output: 12V DC, 1.5A



Software Specifications

Wi-Fi	Voice
- Channel bandwidth of Wi-Fi 7@5GHz max up to 240MHz - Dual band Wi-Fi 7 up to 5040Mbps - Higher-order 4096-QAM modulation - Multi-link operation - Multi-RU mechanism - Manual/Auto radio channel selection - WPA/WPA2/WPA3 Security	- SIP (RFC3261) compliance - DTMF and pulse number receiving - DTMF encryption algorithm (RFC2833) - G.711 a/u law, G.729, and G.722 - VAD and CNG - T.30 fax, T.38 fax
Networking	QoS
- 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	- Flexible packet classification 802.1p and DSCP remarking - Up to eight queues - SP/DWRR/SP+DWRR - Priority based queuing scheduling - Wi-Fi Multimedia (WMM)