

Overview

The ZXHN F670 is an ITU-T G.984 and ITU-T G.988 compliant optical network terminal (ONT) that is designed for high-end home users. It is well suited to fiber to the home (FTTH) scenarios and supports desktop mounting.

At the network side, it supports 2.488 Gbps downlink and 1.244 Gbps uplink. At the user side, it provides four GE ports, two POTS ports, one USB 2.0 port, and Wi-Fi 802.11n 2x2 2.4GHz & 802.11ac 3x3 5GHz concurrent. By using the ZXHN F670, the home users can access data, video and voice services, and enjoy high-speed internet connection

Quick Spec

Table 1 shows the quick spec.

Model	ZTE ZXHN F670
Connector type	SC/APC
Number of PON	1
Fiber type	Single-mode fiber
Power supply	Rated 12 V DC (through the external AC/DC adapter)
Wavelength	Transmitting end: 1310 nm (PON interface) Receiving end: 1490 nm (PON interface)

Product Details

ZTE ZXHN F670 provides these features:

- Supported service: VoIP, Internet, IPTV
- GPON: 8 T-CONTs, 32 GEM Ports
- VLAN: 802.1Q, 802.1P, 802.1ad
- MAC address table: 1k
- L3 function: DHCP server/Client, DNS Client, NAT
- IPv6: Dual Stack, DS-Lite
- VoIP: SIP/H.248, G.711/G.722, T.30/T.38
- Wi-Fi: 4 SSIDs, 2x2 MIMO 2.4G, 3x3 MIMO 5G , WPS
- Wi-Fi authentication: Shared key, 128-bit WEP, WPA-PSK, WPA2-PSK, WPA-PSK + WPA2-PSK
- Multicast: IGMP v1/v2/V3 Snooping/Proxy, MLD v1 Snooping
- Multicast group: 64
- QoS: service flow classification based on physical port, MAC address, VLAN ID, VLAN priority level, IP address; SP/WRR/SP+WRR
- Management: local web management, OMCI, TR069
- USB: DLNA DMS, USB backup

Get More Information

Do you have any question about the ZTE ZXHN F670?

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Specification

ZTE ZXHN F670 Specification

Net dimensions	220 mm (W) x 315 mm (H) x 35 mm (D)
Typical Power consumption	12.5W
Noise	Null
Heat dissipation mode	Natural heat dissipation
Power supply	Rated 12 V DC (through the external AC/DC adapter)
Mounting	the desktop or on the wall
Operating environment	0 –40
Relative humidity	5%–95%
Atmospheric pressure	70–106 kPa
MTTR	30 minutes
Connector type	SC/APC
Number of PON	1
Fiber type	Single-mode fiber
Wavelength	Transmitting end: 1310 nm (PON interface) Receiving end: 1490 nm (PON interface)
Compliance standard of the PON interface	ITU-T 984.x
Receiving rate of the optical interface	2.488 Gbps
Transmitting rate of the optical interface	1.244 Gbps
Transmission wavelength range	1290–1330 nm
Root-mean-square spectral width of the transmitting end	< 1 nm (spectral width: 20 dB)
Output optical power	1–5 dBm
Optical power of the transmitter in output OFF status	< -45 dBm
Extinction ratio	> 10 dB
Receive range	1480–1500nm
Receive sensitivity	-28 dBm
Saturation optical power of the receiver	-8 dBm
Optical link length	20 Km
Configurable VLAN ID range	1–4094
Capacity of the MAC address table	8K
Capacity of the multicast table	1K
IGMP join delay	< 10 ms (single channel)
IGMP leave delay	< 10 ms (single channel)
Startup time	80s (default)
T-CONTs	8

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