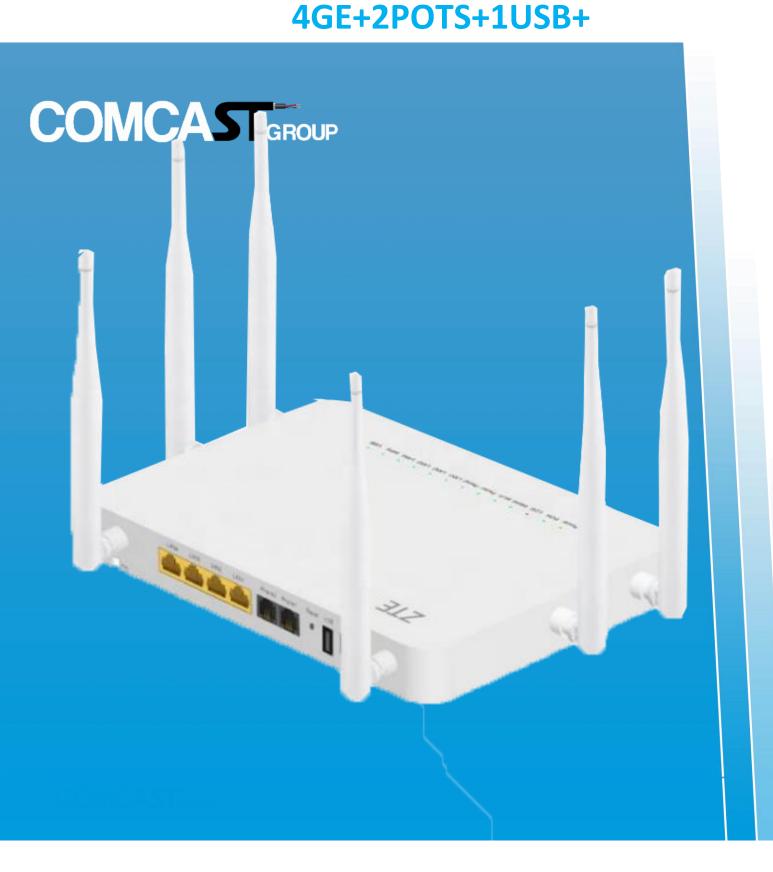
ZTE ZXHN F680 GPON ONT



Content

Introduction	3
Specifications:	4



Introduction

The ZXHN F680 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 2.488Gbps downlink and 1.244 Gbps uplink. At the user side, it provides four GE ports, two POTS ports, one USB 2.0 port, and 2x2 802.11n2.4GHz & 4x4 802.11ac5GHz concurrent.

The ZXHN F680 is an ONT designed for FTTH application scenarios. By using the ZXHN F680, the home users can access data, video(IPTV) and voice(VoIP) services, and enjoy high-speed Internet access



Specifications:

Specification.	
GPON Interface(NNI): 1 x G	SPON interface
Optical port	ITU-T G.984 and ITU-T G.988 compatible, Flexible mapping bewteen GEM Port and TCONT
Optical connector	SC/APC
Receiving Sensitivity	-28 dBm
Overload Optical Power	-8 dBm
Transmitting Optical Power	1~5 dBm
Transmit Rate	2.488Gbps downstream; 1.244Gbps upstream
Wavelength	Receiving (DOWN): 1490nm; Transmitting(up): 1310nm
Authentication	N, Password, and SN+ Password authentication
User Network Interface (UN	I): 4GE+1POTS+1USB+2.4G&5G WIFI
Ethernet Port	IEEE 802.1q VLAN with the VLAN ID from 1 to 4049
	VLAN tagging/untagging on the user port
	VLAN overwrite function on the user port
	1:1 mapping between the user port (physical port or logical port) and VLAN
	VLAN-based data forwarding
	VLAN-based packet filtering
	VLAN untagged mode, tagged mode and double tagged mode
	VLAN tag
	MAC address learning
	Auto adaptive 10 Mbit/s, 100 Mbit/s or 1000 Mbit/s
9	SIP/H.248
	G.711A/U, G.729 AND G.722 encoding/decoding
POTS Port	T.30/T.38/G.711 fax mode
	DTMF
	Emergency calls (with the SIP/H.248 protocol)
WLAN	IEEE 802.11 b/g/n (2.4G)
	IEEE 802.11 a/n/ac (5G)
	Antenna gain: 5 dbi, six external antenna
	2.4G&5G concurrent
	Air interface rate:300 Mbit/s(2.4G); 1734 Mbit/s(5G)
USB port	USB2.0, USB backup
	E-T-G-T-O-E-O-G-T-T-UF



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