

GPON/XPON ONT

XPON ONT , 1GE+1FE+CATV+WIFI



FEATURE

- Full compatible with ITU-T G.984
- 1GE+1FE+CATV+WIFI
- Integrated OMCI and TR069 remote configuration and maintenance function
- Support transceiver diagnostic monitoring, transmitter disable, etc.
- Support rich QinQ VLAN function and IGMP snooping /proxy multicast feature
- Fully compatibility with OLT based on Broadcom/MTK/huawei/ZTE/realtek chipset
- For small and medium-sized operators, VoIP services are customized
- WAN support networking bridge, router and bridge/router mixed mode



OVERVIEW

FO-412WTX XPON ONT terminal device ,designed for fulfilling FTTx and triple play service demand . FO-412WTX supplies one 10/100/1000M RJ45 port, one 10/100M RJ 45 port, one RF catv port,and support wifi. It is based on the stable and mature Gigabit GPON technology, highly reliable and easy to maintain, with guaranteed QoS for different service. It is fully compliant with technical regulations such as ITU-T G.984.x and technical requirement of GPON Equipment.

SPECIFICATION

Parameter	Specification
Main chip	REALTEK
Upstream PON port	1 GPON port, SC single-mode/single-fiber, uplink1.25Gbps/downlink 2.5Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Data TX output Optical RX	-1dBm to 4dBm @ 1310nm
sensitivity	< -26dBm @ 1490nm
Optical interface	SC/PC
WLAN	Compliant with IEEE802.11b/g/n, 2T2R, internal antenna
CATV	CATV radio frequency feature (optional) Output level 85dBuV (input-6dbm) AGC working range 10dB CNR \geq 46dB@-6dBm (input)
Downstream LAN port	1*10/100/1000Mbps + 1 10/100Mbps auto adaptive Ethernet interfaces, Full Duplex/Half Duplex, RJ45 connectors
Ethernet Service	Full speed non-blocking switching Support QinQ VLAN, 1:1 VLAN, VLAN reusing, VLAN trunk, etc. Integrated port monitoring, port mirroring, port rate limiting Support auto polarity detection of Ethernet ports (AUTO MDIX) Support IPv4 IGMP snooping and IPv6 MLD snooping Support NAT and Firewall
Wifi service	Integrated 802.11b/g/n Support WEP and WPA/WPA2 security protocols

WORKING ENVIRONMENT

Parameter	Specification
Power	DC12V/1A
Power consumption	≤ 10W
Operating temperature	-5—45 °C
Storage temperature	-40—70°C
Humidity	5% ~ 90% non-condensing
Dimension	230mm*150mm*50mm
Net weight	0.4kg

ORDER INFORMATION

PRODUCT	PART NUMBER
XPON ONT , 1GE+1FE+CATV+WIFI	FO-412WTX