

GPON/XPON ONT

XPON ONT , 1GE+1FE+WIFI



FEATURE

- Support Route mode for PPPoE/IPoE/Static IP and Bridge mode
- Support EPON/GPON mode and switch mode automatically
- Support IPv4 and IPv6 Dual mode
- 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
- Support IEEE802.11n 2.4G WIFI 2*2 MIMO WAN
- support IGMP Snooping/Proxy multicast feature
- Support TR069 remote configuration and maintenance



OVERVIEW

FO-412WX is designed as HGU (Home Gateway Unit) in different FTTH solutions. The carrier-class FTTH application provides different services access.

FO-412WX is based on mature and stable, cost-effective XPON technology.

FO-412WX adopts high reliability, easy management, configuration flexibility and good quality of service guarantees to meet the technical performance of EPON Standard of China Telecom CTC3.0 and GPON Standard of ITU-TG.984.X

SPECIFICATION

Technical items	Description
PON Interface	1 GPON BOB , Bosa on Board Receiving sensitivity: $\leq -28\text{dB}$ Transmitting optical power: $+1\sim+4\text{dBm}$ Transmission distance: 20KM
Wavelength	TX: 1310nm, RX: 1490nm
Optical Interface	SC/UPC Connector
Design Scheme	RTL9602C+RTL8192FR+Si32192 BOB(RTL8290B)
Chip Spec	CPU 625MHz,DDR2 64MB
Flash	SPI Nor Flash 16MB
LAN Interface	1 x 10/100/1000Mbps(GE) and 1 x 10/100Mbps(FE) auto adaptive Ethernet interfaces. Full/Half, RJ45 connector
Wireless	Compliant with IEEE802.11b/g/n, Operating frequency: 2.400-2.4835GHz support MIMO, rate up to 300Mbps, 2T2R,2 external antenna 5dBi, Support: Multiple SSID Channel: Auto Modulation type: DSSS, CCK and OFDM Encoding scheme: BPSK, QPSK, 16QAM and 64QAM
LED	7 LED, For Status of WIFI,WPS, PWR, LOS, PON,LAN1~LAN2
Push-Button	2,For Function of Reset, WPS

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WORKING ENVIRONMENT

Parameter	Specification
Power	DC12V/1A
Power consumption	$\leq 6\text{W}$
Operating temperature	-10—55°C
Storage temperature	-40—70°C
Humidity	5%~90% non-condensing
Dimension	180mm×107mm×28mm L×W×H
Net weight	0.2Kg

ORDER INFORMATION

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