

# CX804REWT

## Overview

CX804REWT EPON ONU is designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators. It meets telecom operators FTTO (office), FTTD (Desk), FTTH (Home) broadband speed, SOHO broadband access, video surveillance and other requirements. It is based on the mature stable, cost-effective Gigabit EPON technology, and has high ratio of performance to price, and the technology of 802.11n WiFi (2T2R), the technology of Layer 2/3, integrated CATV and configuration flexibility. They are highly reliable and easy to maintain, with guaranteed QoS for different service, and fully compliant with technical regulations such as IEEE802.3ah and technical requirement of EPON Equipment from China Telecom.

## Special Features

- ▶ Plug and play, integrated auto detecting, auto configuration, and auto firmware upgrade technology.
- ▶ Full compliance to IEEE 802.3ah specification & OAM function.
- ▶ Support rich VLAN, DHCP Server and IGMP snooping multicast feature.
- ▶ Advantage traffic management
- ▶ Advanced Dynamic Bandwidth Allocation (DBA)
- ▶ The WAN port supports bridge or router mode.
- ▶ Support 802.11n WiFi(2T2R) function.
- ▶ Advanced L2 features QinQ VLAN & QoS support.
- ▶ Support NAT, Firewall function.
- ▶ Support Console/ Telnet/ NMS management interface for ease of operation and maintenance.
- ▶ Support 2K MAC address table.
- ▶ Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset

	
Art No	: CX804REWT
Material	: ABS Plastic
Size	: 185mm*122mm*33mm( L*W*H )
Weight	: 0.4kg
Color	: White
Description	: 1*1000M+3*100M Ethernet + CATV WiFi ONU, Compatible with Huawei,ZTE,Fiberhome, Dasan,Alcate OLT

# CX804REW7

## Technical parameters

Technical item	V2804REW7
Main Chipset	Realtek
PON interface	1 EPON connector, SC single-mode/single-fiber, downlink/uplink 1.25Gbps.
PON Port Type	BOSA
Wavelength	Tx1310nm, Rx 1490nm, CATV 1550nm.
Sensitivity	<-27dBm(PX20+).
Overload	> -3dBm(PX20+).
Optical interface	1 PON interface, 1 CATV interface, SC/APC connector
LAN interface	1*10/100/1000Mbps+3*10/100Mbps auto adaptive Ethernet interfaces Full/Half. RJ45 connector.
RF interface	1 RF output interface.
LED	9, For Status of POWER, LOS, REG, GE, FE, CATV .
WLAN	Compliant with IEEE802.11b/g/n, 300Mbps, 2T2R two external antenna
WLAN throughput	100Mbps @ 40users, 1518bytes, no-encryption 107Mbps @ 40users, 512bytes, encryption
Operating condition	Temperature: -5°C~55°C Humidity: 10%~90%(non-condensing)
Storing condition	Temperature :-30°C~60°C Humidity :10%~90%(non-condensing)
Power supply	DC 12V
Power consumption	≤10W
Dimension	185mm×122mm×33mm (L×W×H)
Net weight	0.4Kg

# CX804REWT

## Technical parameters

Item	Parameters
Input optical power	(-18dBm) ~(+2dBm)
Optical return loss	≥45 dB
Wavelength	1550 +/- 10nm
RF frequency	47~1000MHz
AGC Range	(-14)~(-5) / (-13)~(-4) / (-7)~(+2)dBm
C/N	≥47dB
CTB	≥60dB
CSO	≥60dB
RF output lever	82 dBuV(@-7dBm)
RF impedance	75Ω
RF output return loss	≥14 dB

## Application chart

