

**OPTICAL TERMINAL  
NETWORK**



**BY FIBER SYSTEM**

**PRODUCT MANUAL**

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OPTICTIMES RX8102WT FIBER HOME ONU

# OPTICTIMES RX8102WT FIBER HOME ONU



# Product Overview

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It is designed to meet the demand for FTTH service and triple play from fixed network operators or cable operators. Meets telecom operators FTTO (office), FTTD (Desk), FTTH (Home) broadband speed, SOHO broadband access, video surveillance and other requirements. It is based on stable and cost-effective gigabit GPON technology, and has a high performance-price ratio, layer 2/3 technology, embedded CATV, and configuration flexibility. They are highly reliable and easy to maintain, with guaranteed QoS for different services, and fully compliant with technical regulations such as IEEE802.3ah and China Telecom's GPON Equipment technical requirements.

## Quick Details:

- Place of Origin: Shenzhen, China
- Brand Name: RZ Fiber
- Model Number: RX8102WT
- Use: FTTH, FTTH
- Application: FTTH, FTTH FTTB FTTX Network
- Color: White

# Main Characteristics

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- Plug and play, built-in auto-detection, auto-configuration, and auto-firmware update technology.
- Advantage of traffic management
- Advanced Dynamic Bandwidth Allocation (DBA)



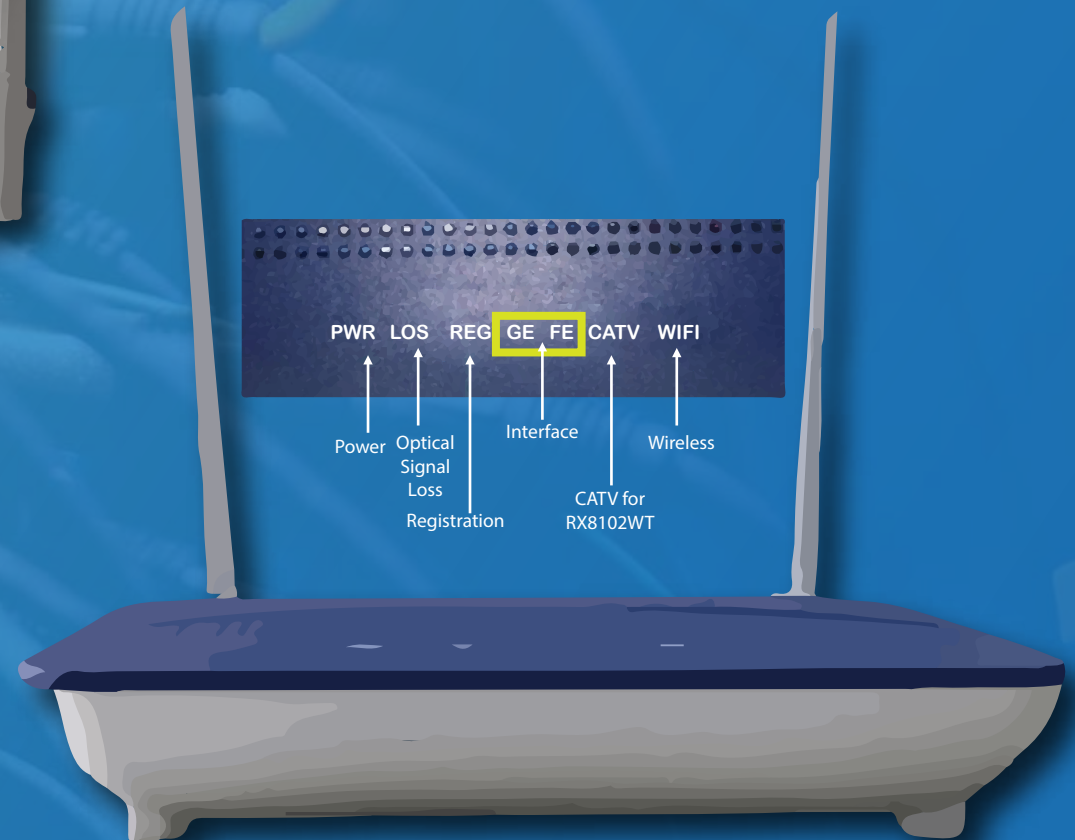
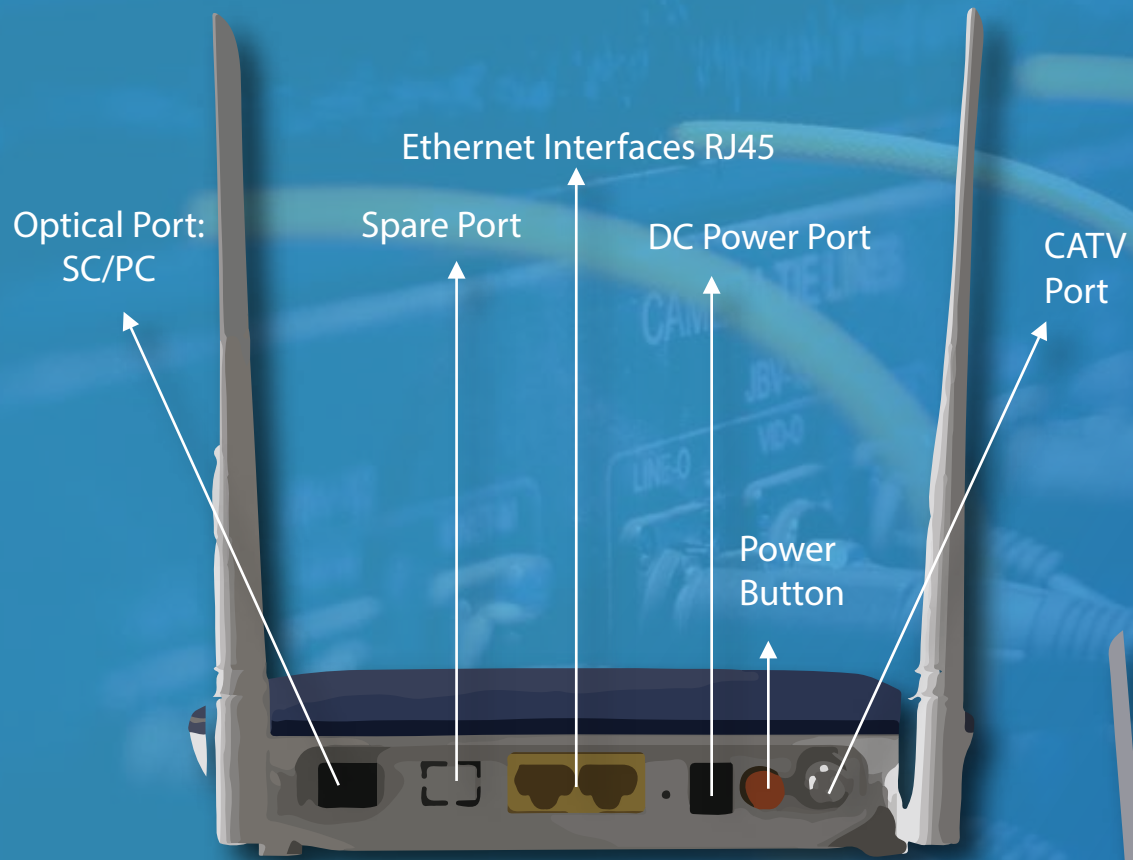
- Compatible with NAT, firewall function.
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- Total OLT support based on Broadcom / PMC / Cortina chipset.

# Technical Parameters

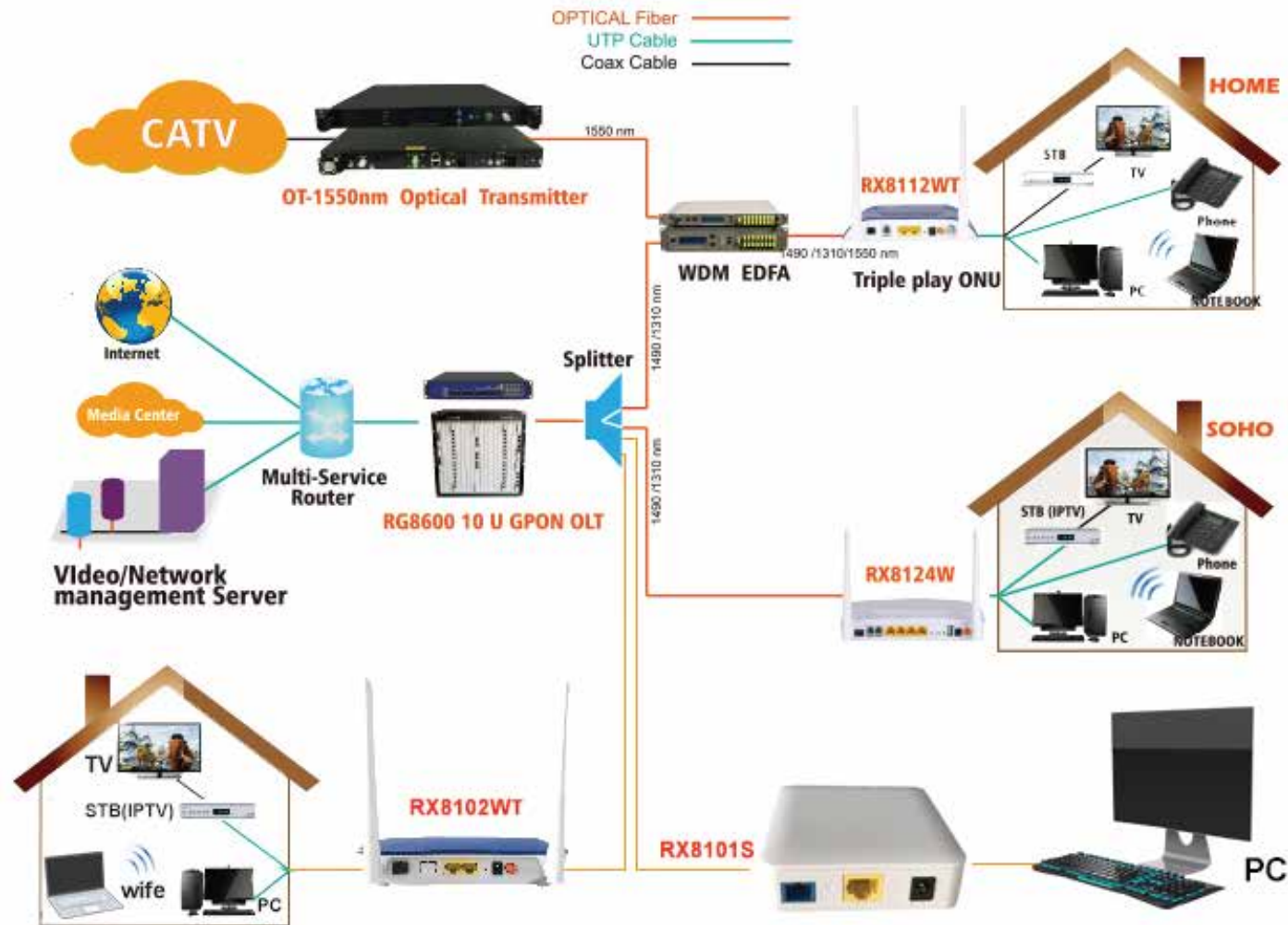
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TECHNICAL ELEMENTS	DESCRIPTION
PON interface	1 EPON / GPON interface, SC single mode / single fiber, symmetric 1.25 Gbps
Wavelength	EPON / GPON Tx 1310nm, EPON / GPON Rx 1490nm, CATV 1550nm
Optical interface	SC / APC connector
RX sensitivity	<-25dBm @ 1490nm
CATV interface	SC / APC connector
WLAN	Complies with IEEE802.11b / g / n, 300Mbps, 2T2R One internal antenna and one external antenna
LAN interface	x 10/100 / 1000Mbps + 1x 10 / 100Mbps self-adapting Ethernet interfaces, Full Duplex / Half Duplex, AUTO-MDIX, RJ45 connectors
Indicators	11 indicators, for the status of the power supply, PON, LAN, POTS and CATV.
DC power supply	+ 12V, external AC-DC power adapter
Energy consumption	≤12W
Operating conditions	Operating temperature: -5 ~ + 55 Operating humidity: 10 ~ 90% (unconditioned)
Storage condition	Storage temperature: -30 ~ + 60 Storage humidity: 10 ~ 90% (unconditioned)
Net weight	0.45Kg

# Detailed Description



# Application GEAPON FTTH Solution



# Packaging & Delivery

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**Packaging Details:** Fixed by foamed plastic, packed in strong cardboard cartons by ropes.(export package) FTTH Optical Network 2GE/1ge 1fe WIFI EPON/GPON/GEPON ONU CATV RF GPON ONT Huawei ZTE onu EPON GPON GEPON ONU ONT.

**Port:** Shanghai Ningbo



**Packing case**





# CONTACTOS


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