

CX801REB

Overview

CX801REB is realtek chipset Mini GEPON Routing ONU modem designed for fulfilling FTTH ultra-broad-band access request of home and SOHO users. IT supports NAT/firewall and so on functions.

It is based on the stable and mature GEPON technology, which has high performance/price ratio, and the technology of layer 3 Ethernet switch as well.

It is highly reliable and easy to maintain, with guaranteed QoS, and fully compliant to IEEE 802.3ah EPON standards.

Special Features

- ▶ Plug and play, integrated auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- ▶ Integrated OAM remote configuration and maintenance function.
- ▶ Support rich QinQ VLAN functions and IGMP Snooping multicast features.
- ▶ Functions like transceiver diagnostic monitoring, transmitter disable, etc.
- ▶ Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.



Technical parameters

Technical items	Description
	CX801REB
main chip	Realtek
Upstream PON interface	1 EPON interface, SC single-mode/single-fibre, symmetric 1.25 Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Optical interface	SC connector

CX801REB

Downstream LAN interface	1 10/100/1000Mbps auto adaptive Ethernet interfaces, Full Duplex/Half Duplex, RJ45 connectors
Indicators	5 indicators, for status of power supply, PON port and 1 Giga-Ethernet port.
DC power supply	+12V, external AC-DC power adaptor
Power switch	1
Power consumption	≤3W
Operating condition	Operating temp: -5~+55°C Operating humidity:10~90%(non-condensed)
Storing condition	Storing temp: -30~+60°C Storing humidity:10~90%(non-condensed)
Dimension	120mm*78mm*28mm(length*width*height)
Net weight	0.2Kg