

**TOTO LINK**

The Smartest Network Device

**Model No. G300L**

1\*GE 1 Port 300Mbps XPON ONU



Designed by **KOREA**

## Product Overview

**TOTOLINK G300L** is an intelligent routing passive optical network terminal in FTTH solution. TOTOLINK G300L provides 1 GE 300Mbps WiFi, high access speed up to 2.5Gbps downstream and 1.25 Gbps upstream. It is widely compatible with the global mainstream OLT brand, supports plug-and-play, OMCI and TR069 remote maintenance features.

## Key Features

- Support device - based rate limitation and bandwidth control
- In compliant with IEEE802.3ah & ITU-T G.984 standard
- Up to 20KM transmission Distance
- Support data encryption, group broadcasting, port VLAN separation ,etc.
- Support Dynamic Bandwidth Allocation (DBA)
- Support ONU auto - discovery/Link detection/remote upgrade of software;
- Support port VLAN configuration
- Support power off alarm function ,easy for link problem detection
- Support QOS configuration
- Support port binding
- Support port forwarding
- Support ACL to configure data packet filter flexibly
- Specialized design for system break down prevention to maintain stable system
- Support software online upgrading
- Support TR069 for ACS(Auto Config Server)
- Support multi-SSID (Maximum 4 SSID)
- Support automatic channel selection
- Support hide SSID
- Support wireless security of 64/128 bit WEP,802.1x,WPA and WPA2
- Support IPv6/IPv4
- Support Cloud management



## Technical Parameter

User Interface	1*GE RJ45
	2.4GHz: 300Mbps
PON	EPON&GPON mode adaptive Interface Type:SC-UPC/SC-APC Transmission distance: 20KM
	GPON: upstream 1.25Gbps /downstream 2.5Gbps Transmitting optical power: 0~4dBm Optical receive sensitivity:-7dBm~-28dBm
	EPON: upstream 1.25Gbps /downstream 1.25Gbps Transmitting optical power: 0~4dBm Optical receiver sensitivity: -7dBm~-27dBm
Ethernet	1*10/100/1000M auto-negotiation Full/half duplex mode RJ45 connector Auto MDI/MDI-X 100m distance
Size	130mm(L) X85mm(W) X25mm(H)
Environment	Operating temperature: 0°C~60°C Operating humidity: 0% ~90% (non-condensing) Storage temperature: -40°C~80°C Storage humidity: 5%~95% (non-condensing)
Power Supply	12V/1A DC power interface size:2.1mm/5.5mm
Power Consumption	< 8W



Product Interfaces and Indicators

Items	TOTOLINK G300L	
PWR	Power status	On: The ONU is power on Off: The ONU is Power off
PON	ONU Register	On: Success to register to OLTBlinking: In process of registering to OLT Off: Fail to register to OLT
LOS	Optical Signals	On: Optical link is abnormal Off: Optical in normal
NET	Internet status	On: ONU can access internet Off: ONU can not access internet
GE	GE Port status	On:Ethernet connectionis normal Blinking: Data is being transmitted Off: Ethernet connection is not set up
WiFi	2.4G WiFi Stat us	On: WIFI function opens Blinking: Data is being transmitted Off: WIFI functions closes



Ordering Information

Product Model	Descriptions
TOTOLINK-G300L	1*10/100/1000M Ethernet interface(RJ45) 2.4GHz: 300Mbps 1 EPON & GPON adaptive interface





