

* General info
  1. General introduction

GPON Wireless router FG-B0G0 is a Gigabit Passive Optical Network (GPON) terminal, ideal for Fiber-to-the-Home solution, allowing users to access high-speed internet connection via the GPON port. FG-B0G0 provides a perfect terminal solution and future-oriented service, supporting capabilities for FTTH deployment.

* 1. Main features
* Next-generation Gigabit Passive Optical Network (GPON) is the ideal Fiber-to-the-Home solution
* Rates of up to 2.488Gbps downstream, 1.244Gbps upstream
* 300Mbps wireless speed for streaming and interruption-sensitive applications
* Integrated 2 Gigabit Ethernet Port+2 Fast Ethernet
* Integrated 2 FXS VoIP service
* Unrivaled QoS management, Support scheduling strategy SP , WFQ and WRR
* Support Samba、FTP and DLNA
* Support 2\*2 802.11b/g/n
* Hardware

1. Main device specification

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| --- | --- | --- |
| Chipset | Cpu | BCM68488 |
| Processor | Clock speed | 600M |
| RAM | Size | 256MByte |
| Type | DDRIII |
| Flash | Size | 128MByte |
| Type | NAND |
| GPON fiber WAN | No of Ports | 1 |
| Type | SC/APC GPON Port |
| Ethernet Ports | No of Ports | 4 |
| Type | 2GE+2FE |
| VOIP | No of Ports | 2 |
| Type | FXS |
| WIFI | No of Ports | 2 |
| Type | External Antenna |

1. GPON standards

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| GPON Standards | ITU G.984.1 |
| ITU G.984.2 |
| ITU G.984.3 |
| ITU G.984.4 |
| Optical Module | Class B+ |
| Optical Wavelength | Transmit at 1310nm |
| Receive at 1490nm |
| Transmission Distance | 0 ~ 20Km Max |
| Bandwidth | Downstream up to 2.488Gbps |
| Upstream up to 1.244Gbps |