

**Tenda**

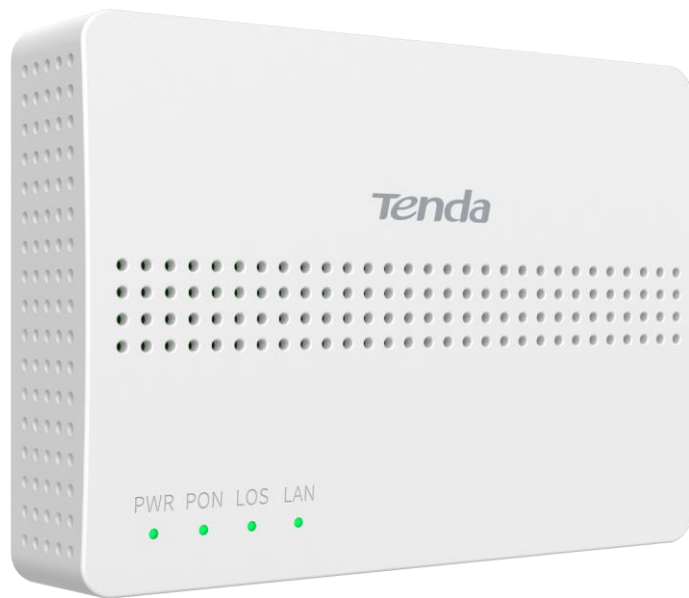


All for better networking.

**HG1**

Single Port xPON ONT

[www.tenda.cn.com](http://www.tenda.cn.com)



# HG1

## Single Port xPON ONT

### Products Description

Tenda's HG1 is a Gigabit Passive Optical Network (PON) terminal, ideal for Fiber to the Home solution. It's an all-in-one device allowing users to access high-speed internet connection via xPON port. HG1 provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

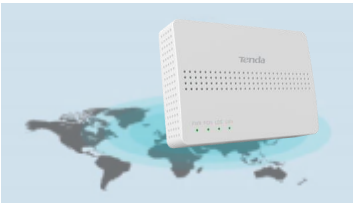
## Key Features

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- \* Strong compatibility
- \* High speed access, imagine speed fiber
- \* Supports routing mode and bridge mode access.
- \* Remote management, plug and play

## Product Features

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### Auto-adaption for both EPON and GPON Network

Complies with ITU G.984.1, ITU G.984.2, ITU G.984.3, ITU G.984.4 and IEEE 802.3ah, HG1 can support GPON and EPON network. Providing you comprehensive network compatibility. With OMCI/OAM remote management, HG1 offers a full remote control without user intervention.



### 100 times faster than conventional 24Mbps ADSL

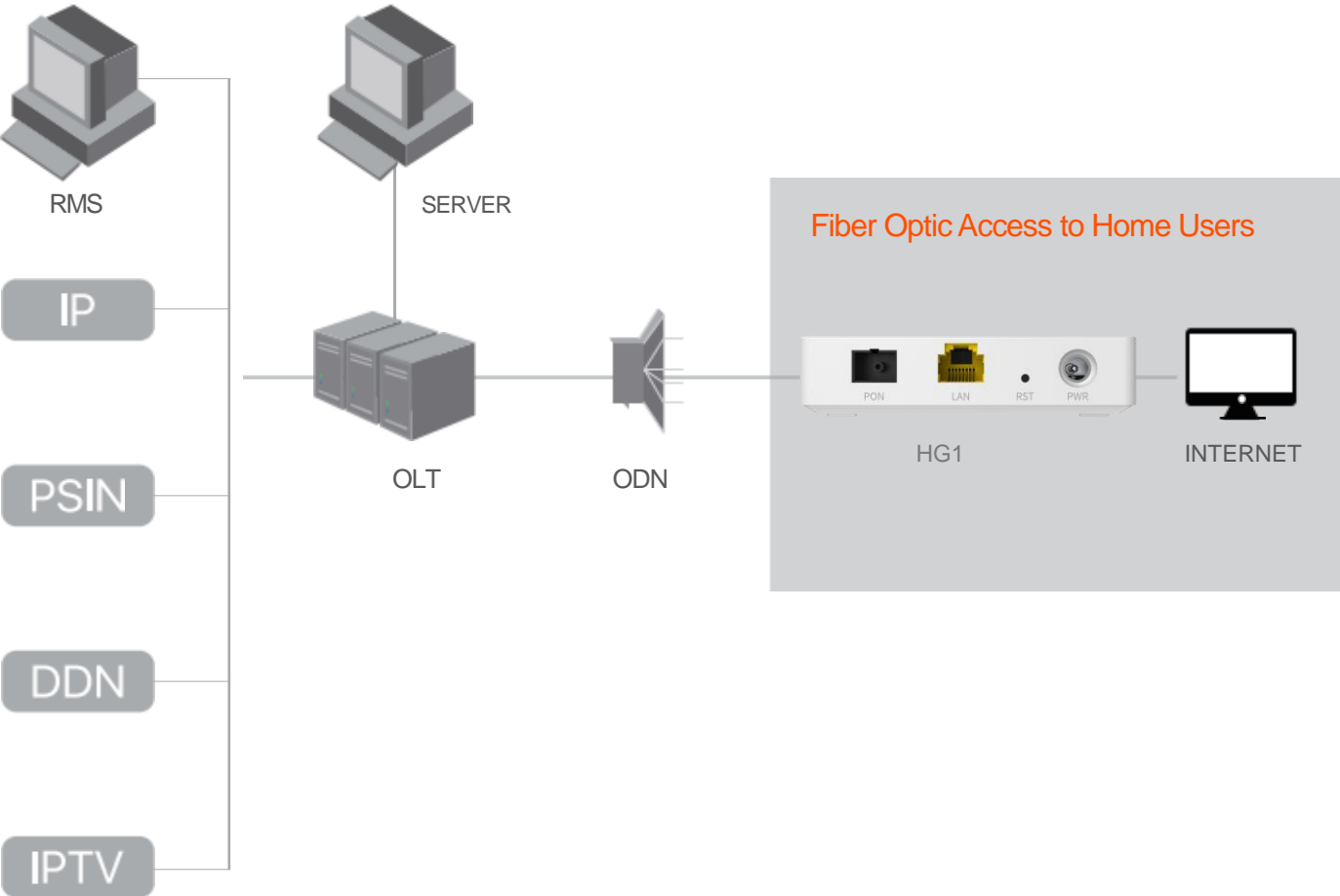
Downstream rate up to 2.5Gbps which is 100 times faster than conventional 24Mbps ADSL brings freewheeling internet access.



### Gigabit LAN port supports ultra-fast data transmission

1 Gigabit wired LAN port supports ultra-fast data transfer. HG1 can bring freewheeling internet access, making it a great choice to build multimedia entertainment network easily.

# Application Scenarios



# Specification

| Hardware Features  |                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------|
| Model              | HG1                                                                                         |
| Standard&Protocol  | ITU G.984.1, ITU G.984.2, ITU G.984.3, ITU G.984.4, IEEE 802.3ah                            |
| Port               | 1*GE, 1*Power-in, 1* Fiber                                                                  |
| PON Connector      | SC/APC (SC/UPC optional)                                                                    |
| Button             | 1*Reset                                                                                     |
| Size (L * W * H)   | 93x66x24mm                                                                                  |
| LED                | PWR, PON, LOS, LAN                                                                          |
| Power-in           | 9V DC / 0.6 A                                                                               |
| Power consumption  | ≤5.4W                                                                                       |
| Software           |                                                                                             |
| Access Mode        | Routing mode, Bridge Mode, Ethernet II, IEEE 802.1Q, VLAN                                   |
| Business Type      | Internet                                                                                    |
| Security Function  | Mac filter, IP filter, URL filter, Access control                                           |
| Management Support | Local WEB manament, Remote updated, Switch auto between EN and CN, OMCI                     |
| Operation System   | Microsoft® Windows® XP or Vista™ or 10, 7, 8 or MAC® OS, NetWare®, UNIX® or Linux.          |
| VLAN ID Range      | 1-4088 (0,4089-4095 is used already )                                                       |
| Others             |                                                                                             |
| Temperature        | Storage temperature: -40 °C - 70°C<br>Operating temperature: 0 °C - 50°C                    |
| Humidity           | Storage humidity: 5% - 90%(Non-condensing)<br>Operating humidity: 10% - 90%(Non-condensing) |
| Package            | 1*HG1, 1*Power adapter, 1*Quick installation guide                                          |

## **SHENZHEN TENDA TECHNOLOGY CO.,LTD.**

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