Tenda

All for better networking.

HG1
Single Port GPON ONT

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Product Description

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

Key Features

* Strong compatibility

* High speed access, imagine speed fiber

* Gigabit LAN port high-speed forwarding

* Remote management, plug and play

Product Features

Comprehensive GPON network compatibility

Complies with ITU G.984.1, ITU G.984.2, ITU G.984.3 and ITU G.984.4, providing you comprehensive GPON network compatibility, Supports OMCI (ONT Manage - ment Control Interface) remote management Quality of Service control for band width management, Mass remote management through OMCI (G.984.4 and G.988), thus offering a full remote control without user intervention.
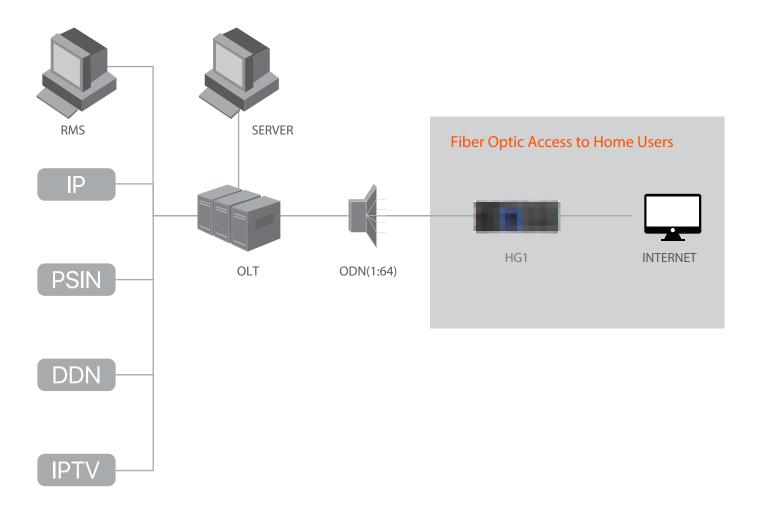
Extremely high speed

Extremely high access speed up to 2.5Gbps Downstream and 1.25Gbps Upstream, High speed GPON ONT, Gigabit LAN port high-speed forwarding, and the maximum transmission distance can be 20 kilometers, provides a one-stop networking solution.

Remote management, plug and play

Support remote management of OMCI and TR069, no need for field configuration, easy to install, use and maintenance.

Application Scenarios

RMS

SERVER

IP

PSIN

DDN

IPTV

OLT

ODN(1:64)

Fiber Optic Access to Home Users

HG1

INTERNET

Specification

Hardware Features	
Model	HG1
ROM&RAM	64MB SDRAM
Standard&Protocol	ITU-T G.891, ITU-T G.892 , ITU-T G.893 , ITU-T G.984
Port	1*GE, 1*Power-in, 1* Fiber
PON Connector	SC/UPC (SC/APC optional)
Button	1*Reset
Size (W * D * H)	59x54x23mm
LED	Power, 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 IP Version	Internet IPv4, IPv6
Security Function	Mac filter, IP filter, URL filter, Access control
Management Support	Local WEB manament, Remote updated, Switch auto between EN and CN, OMCI
Performance	UpStream: Up to 1.25 Gbit/s
	DownStream: Up to 2.5 Gbit/s
	Max loop length: 20KM
Operation System	Microsoft® Windows® XP or Vista™ or 10, 7, 8 or MAC® OS, NetWare®, UNIX® or Linux.

Others	
Certification	CE, Anatel, FCC, NOM, ROHS
Temperature	Storeage temperature: -40 ℃ - 70 ℃ Operating temperature: 0 ℃ - 45 ℃
Humidity	Storeage humidity: 5% - 90%(Non-condensing) Operating humidity: 10% - 90%(Non-condensing)
Package	1*HG1, 1*Power adapter, 1*Quick installation guide