

Tenda



All for better networking.

HG9

AC1200 Dualband Wi-Fi XPON ONT

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Product Description

Tenda's AC 1200 Wireless XPON ONT HG9 is a Passive Optical Network terminal which compatible with EPON and GPON, ideal for Fiber To The Home solution It's an all in one device allowing user to access high speed internet, IPTV connection via EPON&GPON port and share it wirelessly at 1200 Mbps wireless 802 11 ac speeds HG9 provides a perfect terminal solution and future oriented service supporting capabilities for FTTH deployment.

Comprehensive XPON network compatibility

Complies with ITU G.984.1, ITU G.984.2, ITU G.984.3 and ITU G.984.4, ITU G.983 providing you comprehensive XPON network compatibility, Supports OMCI (ONT Management Control Interface) remote management Quality of Service control for bandwidth management, Mass remote management through OMCI (G.984.4 and G.988) and TR-069 standards, 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 XPON ONT, NAT Router, 4-port Switch and Wireless Access Point provides a one-stop networking solution, Wireless speed up to 1200Mbps makes it ideal for heavy bandwidth consuming or interruption sensitive applications like online gaming, Internet calls and even the HD video streaming.

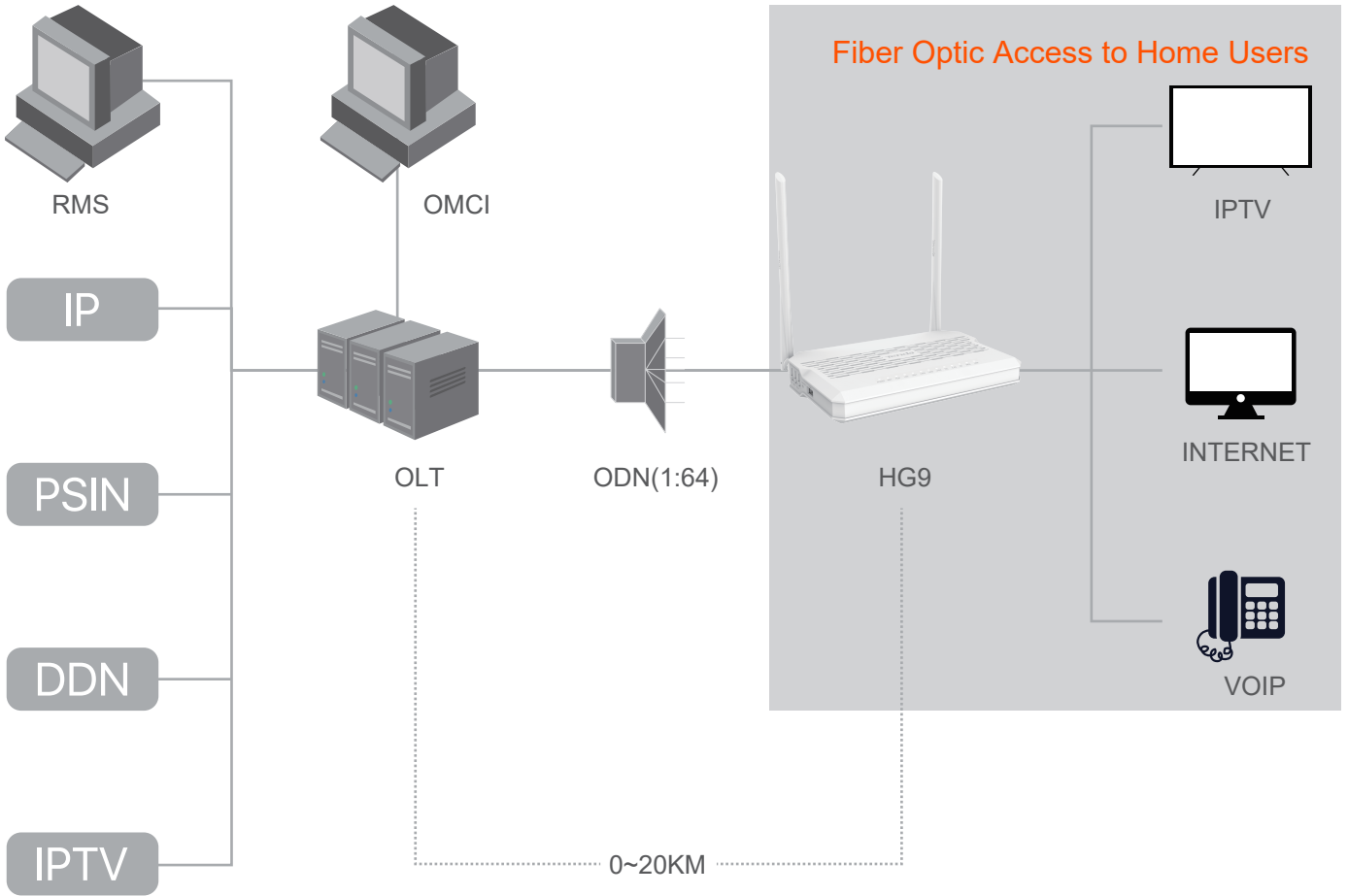
Provides a smooth IPTV experience

Built-in IGMP snooping and proxy combined with 802.1Q VLAN (Virtual LAN) provide a smooth IPTV experience.

Provides multifunctional voice service

Voice service is to realize a variety of new functions on the basis of the original basic voice call, which mainly includes: call holding, call forwarding, group line and group access, incoming and outgoing restrictions, call backup, call waiting prompt and so on.

Application Scenarios



Specification

Hardware Features	
Interface	1*SC/APC PON Port, 4*1000Mbps RJ45 LAN Ports, 1*USB Port, 1*Voip Port, 1*DC Port
LED	POWER, INET, PON, LOS, LAN1, LAN2, LAN3, LAN4, TEL, 2.4G, 5G, WPS, USB
Button	1* Power On/Off Button, 1*WPS Button, 1*WLAN Button, 1 RESET Button, 1*LED Button
External Power Supply	12V DC/1.5A
Power Consumption	≤18W
IEEE Standards	IEEE 802, 802.1q, 802.10, IEEE 802.11, 802.3u, 802.3z
EPON Standards	IEEE E802.3ah
GPON Standards	ITU G.984.1, ITU G.984.2, ITU G.984.3, ITU G.984.4, ITU G.983
Optical Module	Class B+
Optical Wavelength	Transmit at 1310nm, Receive at 1490nm
Transmission Distance	20Km Max
Bandwidth	Upstream 1.25Gbps Max, Downstream 2.5Gbps Max
Dimensions (Wx Dx H)	190*124.9*26.5 mm
TX Power	0.5~5dbm
RX Power	-28~-8dBm
Software Features	
WAN Connection Type	PPPoE, Dynamic IP, Static IP, Bridge, Support Multiple WAN connection
DHCP	Server, Client, DHCP Client List, Address Reservation, DHCP relay
Business Type	TR069, Internet, IPTV, VOIP
Quality of Service	Bandwidth Control
Security Function	Mac filter, IP filter, URL filter, Access control
Port Forwarding	Virtual server, Port Triggering, DMZ, ALG, UPnP
VPN Pass-Through	PPTP, L2TP, IPSec Pass-through
Dynamic DNS	DynDns, NO-IP

Specification

Wireless Features	
Wireless Standards	IEEE 802.11 a/b/g/n/ac
Frequency	2.4GHz & 5GHz
Antenna	2 * 6dBi Antenna
Speed	11n 300M + 11ac 867M
Transmit Power	2.4G: <20dBm(EIRP); 5G: <23dBm(EIRP)
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics
Wireless Security	64/128-bit WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption, Wireless MAC Filtering

Others	
Certification	CE, FCC, RoHS
Package Contents	1*HG9, 1*Power Adapter, Quick installation Guide, 1*RJ45 Cable, 1*RJ11 Cable
Environment	Operating Temperature: 0 °C~45°C
	Storage Temperature: -40 °C~70°C
	Operating Humidity: 10%~90% (non-condensing)
	Storage Humidity: 5%~90% (non-condensing)

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