

# HG6821M ONU is the optical terminal unit with 4GE port 1POT port 2USB port and WIFI dual-band 2.4G&5G External antenna Router Modem

Model	Configuration						Dimension/pcs
	LAN	Telephone	USB	Wifi	PPPOE	Firmware	
HG6821M	4GE	1pot	2	2.4G/5G	yes	English	220*160*30mm/1kgs

## HG6821M ONU Product Overview

HG6821M ONU is GPON Optical Network Terminal (ONT) and designed for HGU (Home Gateway Unit) in FTTH applications. Fiberhome HG6821M ONU supports L3 function to help subscriber construct the intelligent home network. Fiberhome HG6821M provides a GPON interface to connect OLT with an ODN. It offers a new choice for operators to deliver FTTH access. AN5516 is a hybrid plug-in central office equipment (OLT) designed and developed by Fiberhome for the requirements of high-speed, multi-service, and wide coverage of the next-generation optical network. Various application scenarios require a new generation of high-capacity carrier-grade fibre-optic access equipment. The functional positioning of AN5516 equipment is as follows: As the central office equipment OLT in the FTTH solution, it is used in conjunction with the remote equipment ONU to support broadband services such as VoIP, TDM, IPTV, CATV, and Internet access

## HG6821M ONU Product Pictures



# HG6821M ONU Product Specifications

Brand	Fiberhome
Model	HG6821M
Ports	4GE+2POTS+1CATV+1USB+Wi-Fi
Dimensions (H x W x D) (mm)	220 mm x 160 mm x 32 mm
Weight	< 1000 g
Operating temperature	0°C to +40°C
Operating humidity	5% RH to 95% RH (non-condensing)
Power adapter input	100–240 V AC, 50–60 Hz
System power supply	11–14 V DC, 0.5 A
Static power consumption	7.5 W
Max power consumption	18 W
Indicators	POWER/PON/LOS/LAN/TEL/USB/WLAN/WPS/CATV

## HG6821M ONU Product Features

### Smart Service

Smart Wi-Fi sharing:

Portal/802.1x authentication

SoftGRE-based sharing

Association of one account with two POTS ports

### **Smart interconnection**

Smart Wi-Fi coverage

SIP/H.248 auto-negotiation

Any port any service

Parental control (V300R015C00)

L2/L3(IPv4) forwarding: 1G uplink, 2G downlink

### **Layer 3 Features**

PPPoE/Static IP/DHCP

Port forwarding

DDNS/DNS server/DNS client

IPv6/IPv4 dual-stack, and DS-Lite

Static/Default routes

Multiple services on one WAN port