HI-NETWORK.com
Your Global Original Network Supplier

Overview

The Huawei EchoLife HN8055Q is an XG-PON routing-type ONT in the Huawei all-optical access solution. It uses the XG-PON technology to implement ultra-broadband access for users.

It provides 4 GE+1 10GE+2 POTS+1 USB+2 WiFi(4 GE ports, 1 10GE port, 2 POTS ports, 1 USB port, 1 2.4G WiFi port and 1 5G WiFi port). The high forwarding performance ensures the user experience of voice, data and HD video services, and provides customers with an ideal all-optical access solution and future-oriented service support capability.

Quick Specification

Table 1 shows the Quick Specification.

Model	EchoLife HN8055Q
Dimensions (W x D x H)	238 mm x 190 mm x 26 mm (Without the base)
Weight	< 1000 g
Operating Temperature	-40°C to +55°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, 3 A
Maximum Power Consumption	34 W
NNI	XG-PON (SFP+ Optical Module)
UNI	4*GE + 1*10GE + 2USB + 2.4G & 5G Wi-Fi
Indicators	POWER/PON/LOS/LAN/10G LAN/2.4G Wi-Fi/5G Wi-Fi/WPS/USB

Figure 1 shows the appearance of EchoLife HN8055Q.

Product Details

Port Parameters

XG-PON Ports	● Class N1/N2a ● Receiver sensitivity: -28dBm ● Wavelengths: US 1260 - 1280 nm, DS 1575-1580 nm ● Wavelength blocking filter (WBF) ● Flexible mapping between GEM Port and TCONT ● SN/Password/SN+Password/Bi-directional authentication based on OMCI ● Bi-directional FEC ● SR-DBA and NSR-DBA ● 2.5G bps uplink, 10G bps downlink
Ethernet Port	● Ethernet port-based VLAN tags and tag removal ● 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission ● QinQ VLAN ● Limit on the number of learned MAC addresses ● MAC address learning
USB Port	● USB 3.0 ● FTP-based network storage ● File/Print sharing based on SAMBA ● DLNA DMS/UPnP AV (media server)
WLAN	● IEEE 802.11 b/g/n(2.4G) ● IEEE 802.11 a/n/ac(5G) ● 3 × 3 MIMO (2.4G/5G) ● Antenna gain: 2 dBi ● WMM

● Multiple SSIDs

● WPS

● 2.4G/5G concurrent

● Air interface rate: 450 Mbit/s (2.4G); 1300 Mbit/s(5G)

Function List

Smart Interconnection	● Smart Wi-Fi coverage ● Any port any service ● Parental control
Smart Service	● Smart Wi-Fi sharing: Portal/802.1x authentication SoftGRE-based sharing
Smart O&M	● IPTV video quality diagnosis ● Variable-length OMCI messages ● Active/Passive rogue ONT detection and isolation ● PPPoE/DHCP simulation testing ● Wi-Fi emulation
Layer 3 Features	● PPPoE/Static IP/DHCP ● NAT/NAPT ● Port forwarding ● ALG, UPnP ● DDNS/DNS server/DNS client ● IPv6/IPv4 dual stack, and DS-Lite ● Static/Default routes ● Multiple services on one WAN port
Multicast	● IGMP v2/v3 proxy/snooping ● MLD v1/v2 snooping ● Multicast services through Wi-Fi
QoS	● Ethernet port rate limitation ● 802.1p priority ● SP/WRR/SP+WRR
Security	● SPI firewall ● Filtering based on MAC/IP addresses
Common O&M	● OMCI/Web UI/TR069 ● Dual-system software backup and rollback
Power Saving	● COC V5 ● Scheduled Wi-Fi shutdown

Get More Information

Do you have any question about the EchoLife HN8055Q?

Contact us now via info@hi-network.com.

Get a Quote

Specification

EchoLife HN8055Q Specification	
Dimensions (W x D x H)	238 mm x 190 mm x 26 mm (Without the base)
Weight	< 1000 g
Operating Temperature	-40°C to +55°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, 3 A
Maximum Power Consumption	34 W
NNI	XG-PON (SFP+ Optical Module)
UNI	4*GE + 1*10GE + 2USB + 2.4G & 5G Wi-Fi
Indicators	POWER/PON/LOS/LAN/10G LAN/2.4G Wi-Fi/5G Wi-Fi/WPS/USB
XG-PON Ports	● Class N1/N2a ● Receiver sensitivity: -28dBm ● Wavelengths: US 1260 - 1280 nm, DS 1575-1580 nm ● Wavelength blocking filter (WBF) ● Flexible mapping between GEM Port and TCONT ● SN/Password/SN+Password/Bi-directional authentication based on OMCI ● Bi-directional FEC ● SR-DBA and NSR-DBA ● 2.5G bps uplink, 10G bps downlink
Ethernet Port	● Ethernet port-based VLAN tags and tag removal ● 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission ● QinQ VLAN ● Limit on the number of learned MAC addresses ● MAC address learning
USB Port	● USB 3.0 ● FTP-based network storage ● File/Print sharing based on SAMBA ● DLNA DMS/UPnP AV (media server)
WLAN	● IEEE 802.11 b/g/n(2.4G) ● IEEE 802.11 a/n/ac(5G) ● 3 × 3 MIMO (2.4G/5G) ● Antenna gain: 2 dBi ● WMM ● Multiple SSIDs ● WPS ● 2.4G/5G concurrent ● Air interface rate: 450 Mbit/s (2.4G); 1300 Mbit/s(5G)

Want to Buy

Get a Quote

Learn More about Hi-Network | Search our Resource Library | Follow us on LinkedIn | Contact for Sales or Support

Contact HI-NETWORK.COM For Global Fast Shipping

HongKong Office Tel: +00852-66181601

HangZhou Office Tel: +0086-571-86729517

Email: info@hi-network.com

Skype: echo.hinetwork

WhatsApp Business: +8618057156223