

EchoLife EG8041V5 Datasheet 01(7dB)

Huawei EG8041V5, an intelligent routing-type ONT

Overview

The Huawei EG8041V5 is a routing-type ONT in the Huawei all-optical access solution. It uses the GPON technology to implement ultra-broadband access for users.

The high forwarding performance ensures the user experience of data services, and provides customers with an ideal all-optical access solution and future-oriented service support capability.

- Smart service
- Smart interconnection
- Smart O&M



Device Parameters

Dimensions (H x W x D) (without external antenna and pads)	30 mm x 168 mm x 115 mm	Static power consumption	5 W
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Weight	About 220 g	Maximum power consumption	12 W
Operating temperature	0°C to 40°C	NNI	GPON
Operating humidity	5% RH to 95% RH (non-condensing)	UNI	2GE+2FE+2.4GHz/5GHz Wi-Fi
Power adapter input	100–240 V AC, 50/60 Hz	Optical connector	SC/APC
System power supply	12 V DC, 1.5 A	Indicators	Power/PON/LOS/LAN1/LAN2/LAN3/LAN4/WLAN/WPS

Interface Parameters

GPON port	WLAN
- Class B+ - Receiver sensitivity: -27dBm ~ -29dBm - Overload optical power: -8 dBm - Wavelengths: US 1310 nm, DS 1490 nm - Wavelength blocking filter (WBF) of G.984.5 - Flexible mapping between GEM Port and TCONT - GPON: consistent with the SN or password authentication defined in G.984.3 - Bi-directional FEC - SR-DBA and NSR-DBA - Type B (single-homing&dual-homing)	- IEEE 802.11 b/g/n (2.4GHz) - IEEE 802.11 a/n/ac (5GHz) 2 × 2 MIMO (2.4GHz&5GHz) - Antenna gain: 7 dBi - WMM/Multiple SSIDs/WPS 2.4GHz&5GHz concurrent - Air interface rate: 300 Mbit/s (2.4GHz), 867 Mbit/s (5GHz)
	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 - GE: Auto-adaptive 10 Mbit/s, 100 Mbit/s or 1000 Mbit/s - FE: Auto-adaptive 10 Mbit/s, 100 Mbit/s

Product Function

Smart interconnection	Smart O&M	Layer 3 features	Smart service
- Smart Wi-Fi coverage - Any port any service - Parental control - L2/L3(IPv4) forwarding: 1G uplink, 2G downlink	- IPTV video quality diagnosis - eMDI - Rogue ONT detection and isolation from the OLT - PPPoE/DHCP simulation testing - WLAN emulation	- PPPoE/Static IP/DHCP - NAT/NAPT - Port forwarding - ALG, UPnP - DDNS/DNS server/DNS client - IPv6/IPv4 dual stack, DS-Lite and IPv6 SPI - Static/Default routes - Multiple services on one WAN port	- Scheduled Wi-Fi shutdown - Smart Wi-Fi sharing: Portal/802.1x authentication; SoftGRE-based sharing
			QoS
			- Ethernet port rate limitation 802.1p priority - SP/WRR/SP+WRR - Broadcast packet rate

			limitation
Multicast	Security	Common O&M	Power saving
- IGMP v2/v3 proxy/snooping - MLD v1/v2 snooping	- SPI firewall - Filtering based on MAC/IP/URL addresses	- OMCI/Web UI/TR069 - Variable-length OMCI messages - Dual-system software backup and rollback	- Indicator power saving - COC V6

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Archer C64



INALÁMBRICO

Estándares

WiFi 5

IEEE 802.11ac/n/a 5 GHz

IEEE 802.11n/b/g 2,4 GHz

Velocidades WiFi

AC1200

5 GHz: 867 Mbps (802.11ac)

2,4 GHz: 400 Mbps (802.11n)

Rango WiFi

Casas de 3 Dormitorios

4 antenas fijas de alto rendimiento

Múltiples antenas forman un conjunto de refuerzo de señal para cubrir más direcciones y áreas más grandes Formación de

haces

Concentra la potencia de la señal inalámbrica hacia los clientes para ampliar el alcance WiFi

Capacidad Wi-Fi

Medio

Doble banda

Asigne dispositivos a diferentes bandas para un rendimiento óptimo

MU-MIMO

Se comunica simultáneamente con múltiples clientes MU-MIMO

Airtime Fairness

Modos de trabajo

Mejora la eficiencia de la red al limitar la ocupación excesiva

Modo de enrutador Modo de punto de acceso

HARDWARE

Procesador

CPU de 1,2 GHz

Puertos Ethernet

1 puerto WAN Gigabit

4 puertos LAN Gigabit

Botones

WPS/botón de reinicio

Energía

12V = 1A

SEGURIDAD

Cifrado WiFi

Cifrados WPA/WPA2, WPA-PSK/WPA2-PSK/WPA3-SAE

Seguridad de la red

Firewall SPI, vinculación de direcciones IP y MAC

Red de invitados

Red de invitados de 2,4 GHz Red de invitados de 5 GHz

SOFTWARE

protocolos

IPv4

IPv6

Controles parentales

Controles de tiempo de filtrado de URL

Tipos de WAN

IP dinámica IP

estática

PPPoE (acceso dual)

PPTP (acceso dual)

L2TP (acceso dual)

Calidad de servicio

QoS por dispositivo

Servicio de almacenamiento en la nube

Actualización de firmware OTA

TP-Link ID

DDNS

Reenvío NAT

Reenvío

de puertos Activación de puertos

UPnP

DMZ

IPTV

IGMP Proxy

IGMP Snooping Etiqueta de puente

VLAN

DHCP

Servidor

DHCP Lista de clientes

Reserva de direcciones

DDNS

TP-Link

SIN IP

DynDNS

administración

Página web de la aplicación Tether

Comprobar el emulador web>

FÍSICO

Dimensiones (An. × Pr. × Al.)

4,7 × 4,7 × 1,1

pulgadas (120 × 120 × 27,9 mm)

contenidos del paquete

Router inalámbrico Archer C64

Adaptador de corriente Cable

Ethernet RJ45

OTRO	Guía de instalación rápida
Requisitos del sistema	Microsoft Windows 98SE/NT/2000/XP/Vista™/7/8/8.1/10, MAC OS, NetWare, UNIX o Linux Internet Explorer 11, Firefox 12.0, Chrome 20.0, Safari 4.0 u otro navegador compatible con Java Cable o Suscripción de módem DSL con un proveedor de servicios de Internet (para acceso a Internet)
Certificaciones	CE RoHS
Medioambiente	Temperatura de funcionamiento: 0 °C~40 °C (32 °F ~104 °F) Humedad de funcionamiento: 10 %~90 % sin condensación Humedad de almacenamiento: 5 %~90 % sin condensación
DATOS DE PRUEBA	
Potencia de transmisión WiFi	CE: <20 dBm (2,4 GHz), <23 dBm (5,15 GHz~5,25 GHz) FCC: <30 dBm (2,4 GHz y 5 GHz)
Sensibilidad de recepción WiFi	5 GHz: 11a 6Mbps:-95dBm 11a 54Mbps:-77dBm 11ac VHT20 MCS8:-71dBm 11ac VHT40 MCS9:-67dBm 11ac VHT80 MCS9:-63dBm 2,4 GHz: 11g 6Mbps: -96dBm 11g 54Mbps: -78dBm20dBm :-77dBm 11n HT40 MCS7:-74dBm 11ac VHT20 MCS8:-73dBm 11ac VHT40 MCS9:-68dBm