

HUAWEI EG 8240H

GPON ONT WITH 4GE AND 2 VOICE PORTS



SPECIFICATIONS

DEVICE PARAMETERS	
Dimensions (L x W x H)	176 mm x 138.5 mm x 28 mm (without an external antenna)
Weight	About 240 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, 1 A
Static power consumption	4 W
Maximum power consumption	7.8 W
Ports	4GE + 2POTS
Indicators	POWER/PON/LOS/LAN/TEL
INTERFACE PARAMETERS	
GPON Port	<ul style="list-style-type: none"> Class B+ Receiver sensitivity: -27dBm Wavelengths: US 1310 nm, DS 1490 nm Wavelength blocking filter (WBF) 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
Ethernet Port	<ul style="list-style-type: none"> 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 Local switching/isolation based on Ethernet ports Transparent transmission of IPv6 packets at Layer 2
POTS Port	<ul style="list-style-type: none"> Maximum REN: 4 G.711A/μ, G.729a/b, and G.722 encoding/decoding T.30/T.38/G.711 fax mode DTMF Emergency calls (with the SIP protocol)

PRODUCT FUNCTION	
Smart Service	<ul style="list-style-type: none"> Association of one account with two POTS ports L2 forwarding: 1G uplink, 2G downlink
Smart interconnection	<ul style="list-style-type: none"> SIP/H.248 auto-negotiation
QoS	<ul style="list-style-type: none"> Ethernet port rate limitation 802.1p priority SP/WR/SP+WRR Broadcast packet rate limitation Flow mapping based on the VLAN ID, port ID, or/and 802.1p
Security	<ul style="list-style-type: none"> MAC address filtering
Power Saving	<ul style="list-style-type: none"> Indicator power saving Power consumption reduction of idle components in power-saving state CoC v5
Smart O&M	<ul style="list-style-type: none"> Variable-length OMCI messages Active/Passive rogue ONT detection and isolation PPPoE/DHCP simulation testing Call emulation, and circuit test and loop-line test
Common O&M	<ul style="list-style-type: none"> OMCI/Web UI Dual-system software backup and rollback 802.1ag Ethernet OAM Optical link measurement and diagnosis Loopback check
Multicast	<ul style="list-style-type: none"> IGMP v2/v3 snooping MLD v1/v2 snooping Fast leave VLAN tag translation, transparent transmission, and removal for downstream multicast packets IGMP/MLD protocol packet rate limitation