

HL-1B

GPON ONTs

With 2.5G LAN

Support HGU and SFU modes



Product description

HALNy GPON Gateway are innovative and powerful products for business and residential subscribers.

The solution is designed to optimize the deployment and roll-out of the service provider. This include interoperability GPON ONT with advanced support for L2 VLAN's and Multicast IGMP, L3 Routing with NAT, PPPoE and easy to use Provisioning.

HALNy specializes in cost-effective designs, and works closely with service providers to improve their business case through a comprehensive range of standard products, supporting the industry's common demands. HALNy also provides custom designs and services to meet unique customer needs.

DEVELOPED IN



All specifications are subject to change without notice. The above product picture is a sample for reference and may vary. Please check with your supplier for exact offers.

Quoted network speeds and bandwidth based on current IEEE specifications. Actual performance may be affected by network and service provider factors, interface type, and other conditions.

Hardware Specification

WAN Port	GPON B+ 2.488Gbps Downstream 1.244Gbps Upstream	Storage Temp.	-20~70°C
LAN Port	1 x port 2500/1000/100 (RJ45) Auto-sensing, auto-detection MDI/ MDI-X	Operating Temp.	0 ~ 40°C
Flash	Dual-system software backup and rollback	Operating Humidity	10~90 % (non-condensing)
Mode	HGU / Home Gateway (OMCI + VEIP) SFU / Single Family Unit (OMCI)	Power Voltage	DC power jack, 12V/ 1A Power consumption <10W
		Miscellaneous Interfaces	ON/OFF Power Button Reset Button
		LED	POWER, PON, LOS, WAN, LAN1-2, PHONE
		Size	110 x 105 x 32 (WxDxH)

Software Specification

Routing/Briding	<ul style="list-style-type: none"> • PPPoE Client • 802.1q • QinQ • DHCP Server/Client/Relay • NAT and PAT • DNS Relay • IGMP Proxy and Snooping • VPN Pass-through • SNMP • Port Forwarding • UPnP • Firewall 	Telephony	<ul style="list-style-type: none"> • SIP • DTMF support • Dial Plan
		GPON	<ul style="list-style-type: none"> • G.984.4 • G.988 • AES and FEC
		Provisioning	<ul style="list-style-type: none"> • OMCI / OpenOMCI • DHCP XML • TR-069 CWMP

Interoperability Test Result

Nokia (Alcatel-Lucent) ISAM FX-4
 DASAN V-Series: V8240/V810x/V58xx
 ZTE C320/C220
 Huawei OLT series MA56x3T and MA58xx

Calix
 FIBERHOME AN5116-06B
 Adtran
 Zyxel

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