

# HL-4GXV

**GPON Wireless Router  
WiFi6 AX1800  
with VoIP**



## Product description

HALNy GPON Gateway are innovative and powerfull 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.

Actual data throughput and WiFi coverage will vary from network conditions and environmental factors, including the volume of network traffic, building material and construction, and network overhead, result in lower actual data throughput and wireless coverage.

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

<b>Memory</b>	128MB Flash	<b>Storage Temp.</b>	-10~60°C
<b>CPU</b>	Dual Core 900Mhz	<b>Operating Temp.</b>	0 ~ 45°C
<b>WAN Port</b>	GPON B+ 2.488Gbps Downstream 1.244Gbps Upstream RX Input -10 ~ -27dBm	<b>Operating Humidity</b>	10~90 % (non-condensing)
<b>LAN Port</b>	4 x port 10/100/1000BASE-T (RJ-45) Auto-sensing, auto-detection MDI/ MDI-X	<b>Power Voltage</b>	DC power jack, 12V/ 1.5 A
<b>WiFi</b>	2T2R AX1800 5Ghz MU-MIMO Antenna Gain 2*5dBi, External	<b>Miscellaneous Interfaces</b>	ON/OFF Power Button WPS Reset Button
<b>VoIP</b>	1xFXS		
<b>LED</b>	POWER, PON, LOS, Internet, WLAN 2.4, WLAN 5G, WPS, LAN1-4, TEL		

## Software Specification

<b>Routing/Bridging</b>	<ul style="list-style-type: none"> <li>• PPPoE Client</li> <li>• 802.1q</li> <li>• DHCP Server/Client/Relay</li> <li>• NAT and PAT</li> <li>• DNS Relay</li> <li>• IGMP Proxy and Snooping</li> <li>• Multiple WLAN SSID</li> <li>• VPN Pass-through</li> <li>• SNMP</li> <li>• Port Forwarding</li> <li>• UPnP</li> <li>• Firewall</li> </ul>	<b>Telephony</b>	<ul style="list-style-type: none"> <li>• SIP</li> <li>• DTMF support</li> <li>• Dial Plan</li> </ul>
		<b>GPON</b>	<ul style="list-style-type: none"> <li>• G.984.4</li> <li>• AES and FEC</li> </ul>
		<b>Provisioning</b>	<ul style="list-style-type: none"> <li>• OMCI</li> <li>• TR-069</li> <li>• DHCP 66/67 XML</li> </ul>

## Interoperability Test Result

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

Cisco/Altice ME4601  
FIBERHOME AN5116-06B  
Ubiquoss  
Zyxel  
Zhone

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