



HG5012-AC

1GE WAN+3GE LAN+Wi-Fi 5

Key Features:



High Performance Chipset



Wi Fi 5 dual band
1200Mbps



Connect More Devices
OFDMA + MU-MIMO

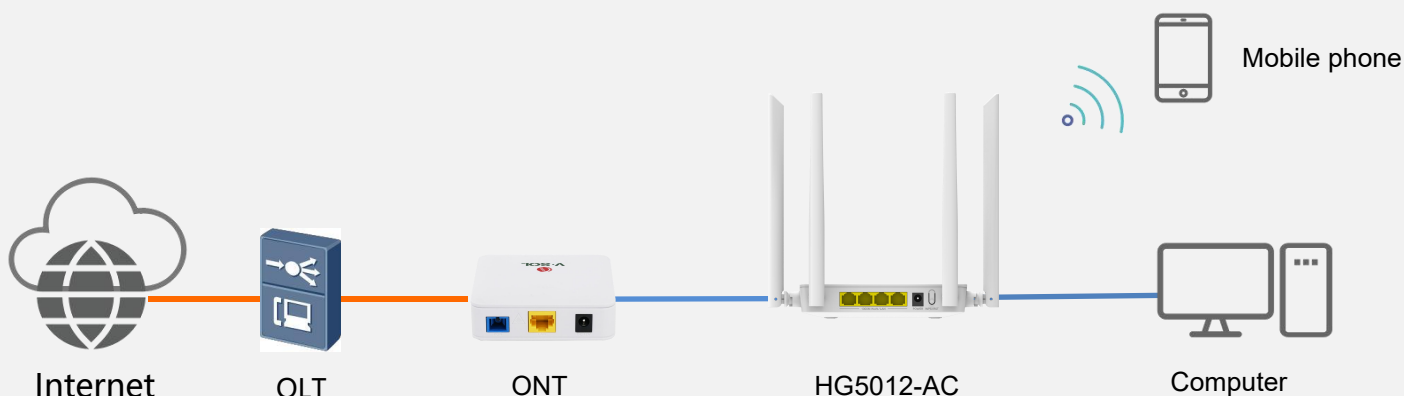


Highly integrated
small size and light weight

Introduction:

The HG5012-AC (1GE WAN + 3GE LAN + Wi-Fi 5 AC1200) is an outstanding wireless router. With its exceptional performance and excellent cost-performance ratio, it holds a significant competitive edge in the market. Its highly integrated design not only makes the device smaller and lighter but also achieves lower power consumption, making it more eco-friendly and energy-efficient. This wireless router delivers high-performance connectivity for small office/home office (SOHO) deployments. It supports simultaneous dual-band operation at 2.4GHz and 5GHz, achieving a total throughput of 1.2Gbps (300Mbps on 2.4GHz and 867Mbps on 5GHz). Its WAN/LAN auto-adaptive feature enhances port utilization flexibility. The HG5012-AC is equipped with four antennas, ensuring stable network connectivity while guaranteeing comprehensive signal coverage.

Application Chart:



○ Hardware Parameter

Dimension	138.2mm×109.1mm×27.9mm(L*W*H)
Net weight	208g
Working condition	Working temp: 0~+50°C Working humidity:5~90%(non-condensing)
Storing condition	Storing temp: -30~+60°C Storing humidity:5~ 90% (non-condensing)
Power adapter	DC 12V, 1A
Power supply	≤12W
Interface	1GE WAN+3GE LAN + Wi-Fi 5
Indicators	PWR,Internet
Button	Reset/WPS

○ Interface Parameter

User Interface	4*10/100/1000Mbps auto adaptive Ethernet interface , RJ45 connectors(1*WAN, 3*LAN)
WLAN Interface	• Compliant with IEEE802.11b/g/n/ac • 867 Mbps on 5GHz and 300 Mbps on 2.4 GHz • 2.4GHz: 2*2, 5GHz: 2*2;External antennas • Maximum number of connected devices:128

○ Function Data

Management	WEB/Telnet/TR-069/SSH/CLI Management
Multicast	• Support IGMP Snooping(IGMPv1/v2/v3) • Support IGMP Proxy • Support MLD Snooping(MLDv1、MLDv2) • Support MLD Proxy • Support Fast leave

○ Function Data

WAN	Maximum speed of 1Gbps
Wireless	• Wi-Fi 5: 802.11a/n/ac 5GHz & 802.11b/g/n 2.4GHz • WiFi Encryption:WEP-64/WEP-128/WPA/WPA2/WPA3 • Support MU-MIMO & OFDMA • Support Dynamic QoS • Support 256-QAM • Support WMM • BSS-Coloring&Beamforming&Beamsteering • Support WIFI Easy-mesh function
L3/L4	• Support IPv4, IPv6 and IPv4/IPv6 dual stack • Support DHCP/PPPOE/Statics • Support Static route,NAT • Support DMZ, ALG,UPnP • Support Virtual Server • Support NTP (Network Time Protocol) • Support DNS Client and DNS Proxy
DHCP	Support DHCP Server & DHCP Relay
Security	• Support local access control • Support IP address filtering • Support URL filtering • Support Anti-DDoS attack function • Support Anti-port scanning function • Suppression of protocol-specific broadcast/multicast packets (e.g. DHCP, ARP, IGMP, etc.) • Support Anti-Intranet ARP Attack • Support Parental control function

Ordering Information:

Product Name	Product Description	Accessories
HG5012-AC	1GE WAN+3GE LAN+Wi-Fi 5	AC-DC power adaptor: DC12V/1A