HG5020-AX15-4G-L

1GE WAN+3GE LAN + Wi-Fi 6

Key Features:

High Performance Chip Solution

Next-Gen Gigabit Wi-Fi
Speed up to 1.5 Gbps

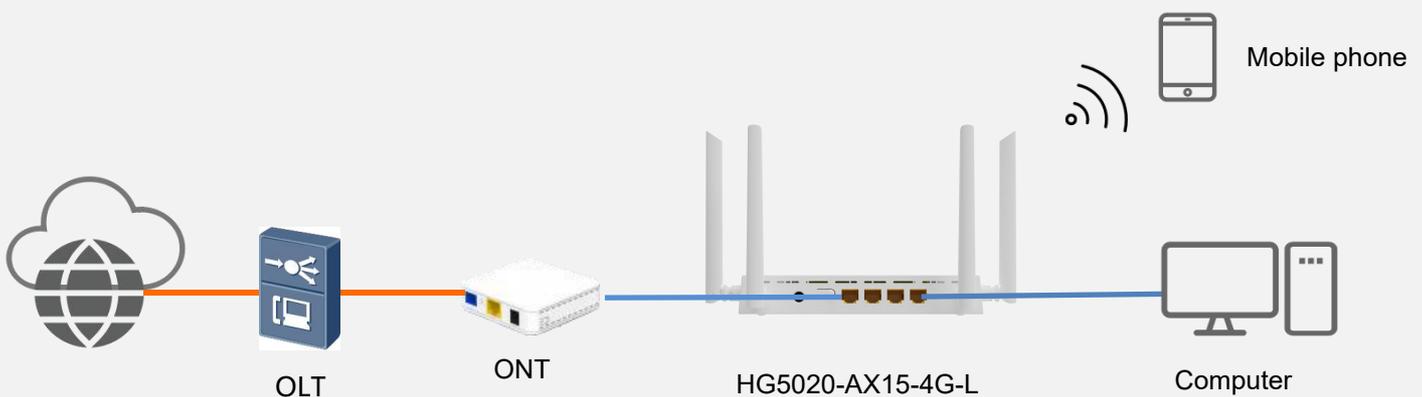Connect More Devices
OFDMA + MU-MIMO

WPA3
More Security

Introduction:

The VSOL HG5020-AX15-4G-L (1GE WAN + 3GE LAN Wi-Fi 6 AX1500 Wireless Router) is a powerful and versatile high-quality product. Its design is highly integrated, making the device smaller and lighter. Featuring WAN/LAN auto-adaptive functionality, it enhances port flexibility while supporting the Wi-Fi 6 AX1500 standard, providing users with stable wired and wireless connections. Its high-performance chipset design ensures exceptional performance and reliability. Additionally, the HG5020-AX15-4G-L supports Mesh networking technology, enabling full Wi-Fi coverage and seamless roaming, delivering an outstanding network experience for users.

Application Chart:

Mobile phone

OLT

ONT

HG5020-AX15-4G-L

Computer

Hardware Parameter

Dimension	179.9mm×104.1mm×30.8mm(L*W*H)
Net weight	170g
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 6
Indicators	SYS
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/ax • 5GHz:1201 Mbps,2.4 GHz:300Mbps •2.4Ghz: 2*2, 5GHz: 2*2; External antennas •Maximum number of connected devices:128 (2.4GHz:64 , 5GHz:64)

Function Data

Management	WEB/Telnet/TR-069/Cloud Management
Multicast	• Support IGMP v1/v2/v3 • Support IGMP Proxy and Snooping

Function Data

WAN	Maximum speed of 1Gbps
Wireless	• Wi-Fi 6: 802.11a/n/ac/ax 5GHz & 802.11b/g/n 2.4GHz • Wi-Fi Encryption: WPA/WPA2/WPA3 personal, WPS2.0 • Support MU-MIMO & OFDMA • Support Beamforming • Support Beamsteering • Support Wi-Fi 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-DoS 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

Product Name	Product Description	Accessories
HG5020-AX15-4G-L	1GE WAN+3GE LAN +Wi-Fi 6	AC-DC power adaptor: DC12V/1A