



HG5071(V)-BE96

10GE + 2.5GE + 2*GE + POTS(Optional) + WiFi7 Router

Key Features:



WiFi7
Speed up to 9.6 Gbps,
320Mhz bandwidth



7 Antennas, Tri-band WiFi



Supports MLO,
2.4GHz&5GHz&6GHz
collaborative operation

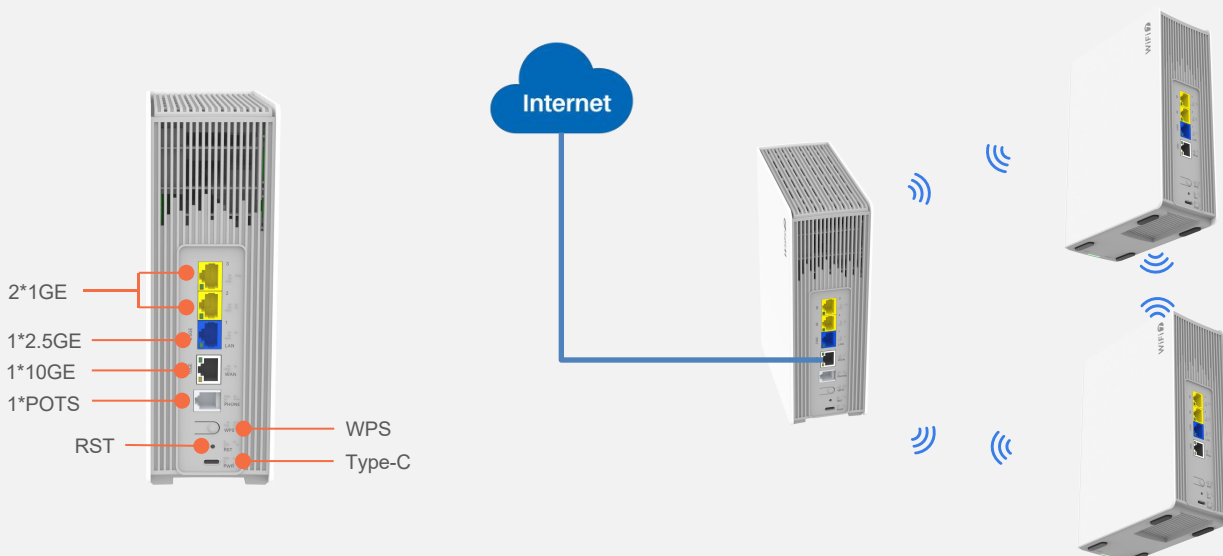


VoIP(SIP) Optional

Introduction:

VSOL HG5071(V)-BE96 (10GE+2.5GE+2GE+WiFi7 BE9600) WiFi Router features an elegant vertical design with Wi-Fi 7 technology. Offering tri-band (2.4/5/6 GHz) speeds up to 9600Mbps and a 7-antenna system, it delivers high-performance, low-latency coverage for 8K video, gaming, and smart homes. Ports include 1x10GE WAN, 1x2.5GE LAN, 2xGE LAN, and an optional VoIP port, all with Braille markings. Supports one-touch Mesh networking and remote management via VST app.

Application Chart:



○ Hardware Parameter

| | |
|-------------------|---|
| Dimension | 150.2mm*70.0mm*213.5mm(L*W*H) |
| Net weight | about 0.75kg |
| Working condition | Working temp: 0~+50°C Working humidity: 10~90%(non-condensing) |
| Storing condition | Storing temp: -30~+60°C Storing humidity: 10~ 90% (non-condensing) |
| Power adapter | HG5071-BE96: DC 12V, 2.0A, Type-C HG5071V-BE96: DC 12V, 2.5A, Type-C |
| Power supply | ≤30W |
| Interface | 1*10GE+1*2.5GE+2*GE+1*POTS(Optional)+WiFi7 |
| Indicators | 1*System+4*Eth ports |
| Button | WPS,RST |

○ Interface Parameter

| | |
|----------------|--|
| User Interface | 1*10GE+1*2.5GE+2*GE ,auto adaptive Ethernet interface , RJ45 connectors |
| WLAN Interface | <ul style="list-style-type: none"> Compliant with IEEE802.11a/b/g/n/ac/ax/az/be 6GHz: 5.76Gbps, 5GHz: 2.88Gbps, 2.4GHz: 1.032Gbps 6GHz: 2*2, 5GHz: 2*2, 2.4GHz: 3*3; Internal Antennas Maximum number of connected devices:384(2.4GHz:128, 5GHz:128, 6GHz:128) |

○ Function Data

| | |
|---------------------|--|
| Management | Support WEB/Telnet/SSH/TR-069/TR369/VST APP |
| QoS | Support QOS, Support STA&SSID rate limiting |
| Multicast | <ul style="list-style-type: none"> Support IGMP v1/v2/v3 Support IGMP Proxy and Snooping |
| Parental Control | <ul style="list-style-type: none"> App Usage Monitoring and Limiting Traffic Statistics |
| ECO | <ul style="list-style-type: none"> Support ECO Mode Support LED Control |
| Network Diagnostics | <ul style="list-style-type: none"> One-click Diagnostics Built-in iPerf Server |

○ Function Data

| | |
|----------|---|
| WAN | Maximum speed of 10Gbps |
| Wireless | <ul style="list-style-type: none"> Wi-Fi 7: 802.11a/b/g/n/ac/ax/be 6GHz & a/b/g/n/ac/ax/be 5GHz & a/b/g/n/ax/az/be 2.4GHz WiFi Encryption: WPA/WPA2/WPA3 personal, WPS2.0 Support MU-MIMO & OFDMA Support Beamforming Support Beamsteering Support MLO Support 4K-QAM Support Wi-Fi Easy-mesh, Support Roaming Support Band Steering Support Wi-Fi Repeater Support WLAN Scheduling Support AP Scanning Support One-click Wi-Fi Optimization |
| L2/L3/L4 | <ul style="list-style-type: none"> Support IPv4, IPv6 and IPv4/IPv6 dual stack Support DHCP/PPPOE/Static IP Support Static Routing, NAT Support DMZ, ALG,UPnP Support Virtual Server Support NTP (Network Time Protocol) Support DNS Client and DNS Proxy Support VLAN and Multicast VLAN |
| DHCP | Support DHCP Server and DHCP Relay |
| VPN | Support L2TP/IPsec/PPTP/WireGuard/OpenVPN |
| Security | <ul style="list-style-type: none"> Support Local Access Control Support MAC/IP Address Filtering with IP Blocking Support URL Filtering Support DoS Attack Prevention Support Port Scan Prevention Support Broadcast/Multicast Storm Control (e.g., DHCP, ARP, IGMP) Support Internal ARP Attack Protection Support STA Isolation Support Ad & Malicious Site Blocking |
| VoIP | <ul style="list-style-type: none"> Support SIP and IMS SIP Support G.711a/G.711u/G.722/G.729 Codec Echo cancellation, VAD/CNG, and DTMF relay Support T.30/T.38 Fax Support Caller ID, Call Waiting, and Call Support Call Transfer, Call Hold, and Three-Way Conference Support line testing per GR-909 |

| Product Name | Product Description | Accessories |
|--------------|----------------------------------|---------------------------------|
| HG5071-BE96 | 1*10GE+1*2.5GE+2*GE+WiFi7 | AC-DC power adaptor: DC12V/2.0A |
| HG5071V-BE96 | 1*10GE+1*2.5GE+2*GE+1*POTS+WiFi7 | AC-DC power adaptor: DC12V/2.5A |