

# HG5033-AX30-4G

1GE WAN+3GE LAN + WiFi6

## Key Features:



MTK Wi-Fi Chipset(With FEM), High Performance Solution



Next-Gen Gigabit WiFi Speed up to 3 Gbps, 160Mhz bandwidth



Connect More Devices OFDMA + MU-MIMO

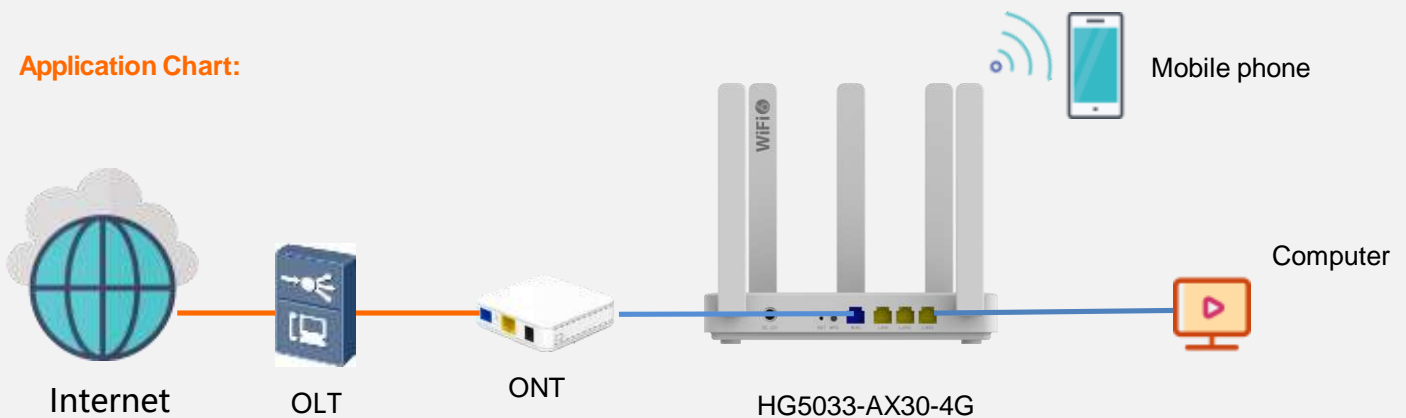


WPA3 More Security

## Introduction:

VSOL HG5033-AX30-4G (1GE WAN+3GE LAN+WiFi6 AX3000) wireless router is a commendable high-performance product. It not only has super high network transmission speed, but also adopts the innovative 5-antenna design, in the 5GHz band compared to similar wireless routers, an extra antenna for signal transmitting and receiving, which effectively makes up for the coverage blind spot in the traditional antenna design. Equipped with MTK AX3000 chip, embedded with Wi-Fi black technology, it provides users with outstanding performance. In addition, HG5033 also supports Mesh networking technology, which realizes full Wi-Fi coverage and seamless roaming, bringing users an excellent network experience.

## Application Chart:



## ○ Hardware Parameter

|                   |   |
|-------------------|---|
| Dimension         | 200mm*143mm*30mm(L*W*H)   |
| Net weight        | 0.394kg   |
| Working condition | Working temp: 0~+50°C<br>Working humidity:5~90%(non-condensing)     |
| Storing condition | Storing temp: -30~+60°C<br>Storing humidity:5~ 90% (non-condensing) |
| Power adapter     | DC 12V, 1.5A  |
| Power supply      | ≤18W  |
| Interface         | 1GE WAN+3GE LAN + WiFi6   |
| Indicators        | STATUS(1), RJ45(3)  |
| Button            | Reset, WPS  |

## ○ Interface Parameter

|                |  |
|----------------|--|
| User Interface | 4*10/100/1000Mbps auto adaptive Ethernet interface , RJ45 connectors(1*WAN, 3*LAN)   |
| WLAN Interface | <ul style="list-style-type: none"> <li>• Compliant with IEEE802.11b/g/n/ac/ax</li> <li>• 2402 Mbps on 5GHz and 574Mbps on 2.4 GHz</li> <li>• 2.4GHz: 2*2, 5GHz: 3*3; 5*4dBi External antennas</li> <li>• Maximum number of connected devices:128 ( 64 for 2.4GHz and 64 for 5GHz)</li> </ul> |

## ○ Function Data

|            |   |
|------------|---|
| Management | WEB/Telnet/TR-069/Cloud Management  |
| Multicast  | <ul style="list-style-type: none"> <li>• Support IGMP v1/v2/v3</li> <li>• Support IGMP Proxy an Snooping</li> </ul> |

## ○ Function Data

|          |  |
|----------|--|
| WAN      | Maximum speed of 1Gbps   |
| Wireless | <ul style="list-style-type: none"> <li>• Wi-Fi 6: 802.11a/n/ac/ax 5GHz &amp; 802.11b/g/n/ax 2.4GHz</li> <li>• WiFi Encryption: WPA/WPA2/WPA3 personal, WPS2.0</li> <li>• Support MU-MIMO &amp; OFDMA</li> <li>• Support Beamforming</li> <li>• Support Beamsteering</li> <li>• Support WIFI Easy-mesh function</li> </ul>  |
| L3/L4    | <ul style="list-style-type: none"> <li>• Support IPv4, IPv6 and IPv4/IPv6 dual stack</li> <li>• Support DHCP/PPPOE/Statics</li> <li>• Support Static route,NAT</li> <li>• Support DMZ, ALG,UPnP</li> <li>• Support Virtual Server</li> <li>• Support NTP (Network Time Protocol)</li> <li>• Support DNS Client and DNS Proxy</li> </ul>  |
| DHCP     | Support DHCP Server & DHCP Relay   |
| Security | <ul style="list-style-type: none"> <li>• Support local access control</li> <li>• Support IP address filtering</li> <li>• Support URL filtering</li> <li>• Support Anti-DoS attack function</li> <li>• Support Anti-port scanning function</li> <li>• Suppression of protocol-specific broadcast/multicast packets (e.g. DHCP, ARP, IGMP, etc.)</li> <li>• Support Anti-Intranet ARP Attack</li> <li>• Support Parental control function</li> </ul> |

| Product Name   | Product Description   | Accessories                     |
|----------------|-----------------------|---------------------------------|
| HG5033-AX30-4G | 1GE WAN+3GE LAN+WiFi6 | AC-DC power adaptor: DC12V/1.5A |