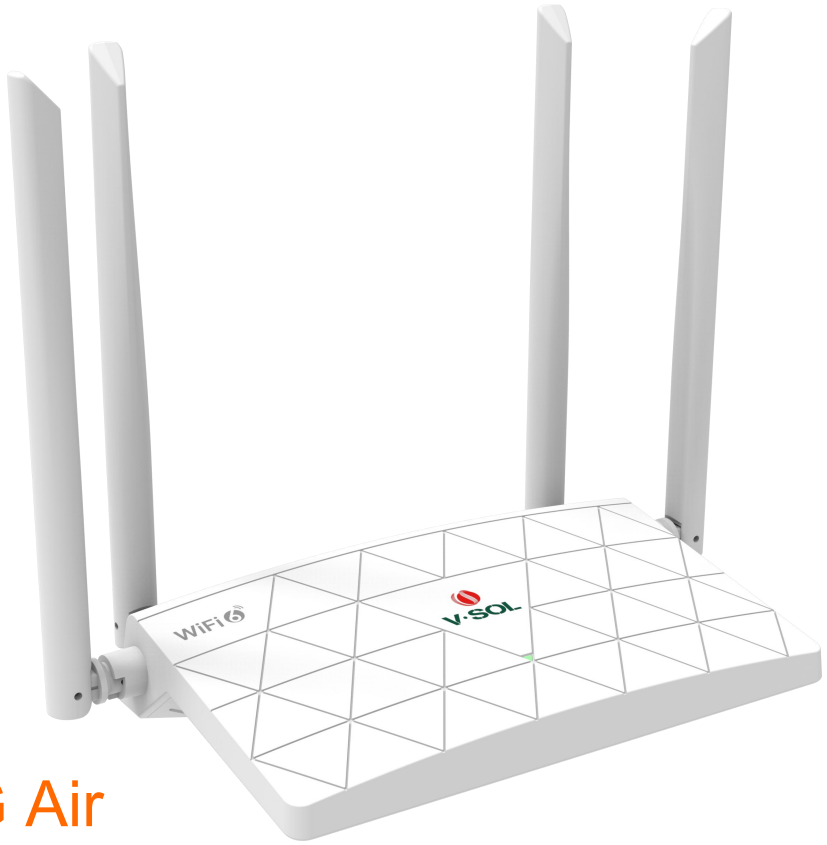


HG5013-4G Air

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

Key Features:

Dual WAN Ports
Bandwidth Aggregation

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

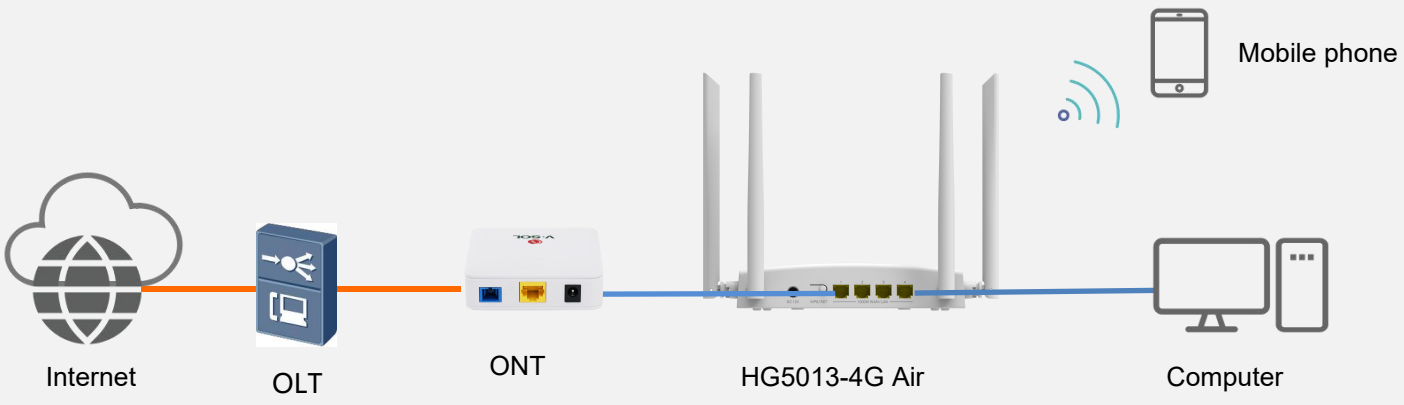
Connect More Devices
OFDMA + MU-MIMO

Highly integrated
small size and light weight

Introduction:

VSOL HG5013-4G Air (1GE WAN + 3GE LAN + Wi-Fi 6 AX3000) is a high-performance wireless router. The device has WAN/LAN adaptive function, which improves the flexibility of port usage, supports dual WAN ports, can simultaneously access two bandwidths, supports load balancing and link aggregation between lines.Equipped with four high-gain antennas, it expands wireless signal coverage while ensuring stable and reliable network connections. This further strengthens wireless coverage capabilities and wall penetration performance. Additionally, the HG5013-4G Air supports Mesh networking technology, enabling seamless whole-home Wi-Fi coverage and device roaming. It delivers a high-speed, stable, and smooth premium network experience for home and small-to-medium business users.

Application Chart:



Hardware Parameter

Dimension	179.9mm×104.1mm×37.7mm(L*W*H)
Net weight	185g
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	• Compliant with IEEE802.11b/g/n/ac/ax • 2402 Mbps on 5GHz and 574Mbps 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
Parental Control	• App Usage Monitoring and Limiting • Traffic Statistics
ECO	• Support ECO Mode • Support LED Control
Network Diagnostics	• One-click Diagnostics • Built-in iPerf Server

Function Data

WAN	Maximum speed of 1Gbps
Wireless	• Wi-Fi 6: 802.11a/n/ac/ax 5GHz & 802.11b/g/n/ax 2.4GHz • WiFi Encryption:WPA/WPA2/WPA3 • Support MU-MIMO & OFDMA • Support Dynamic QoS • Support 1024-QAM • Support WMM • BSS-Coloring&Beamforming&Beamsteering • Support WIFI Easy-mesh function • Support seamless roaming (802.11kvr) • Support Band Steering • Support Wi Fi relay • Support WLAN timing
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 • Support VLAN and Multicast VLAN
DHCP	Support DHCP Server & DHCP Relay
VPN	Support L2TP/IPsec/PPTP/WireGuard/OpenVPN
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 wireless blacklist and whitelist • Support STA isolation • Support ad blocking and malicious website blocking • Support traffic statistics, mobile app usage statistics, and usage duration restrictions. • Support anti fraud network and abnormal traffic monitoring.

Ordering Information:

Product Name	Product Description	Accessories
HG5013-4G Air	1GE WAN+3GE LAN+Wi-Fi 6	AC-DC power adaptor: DC12V/1A