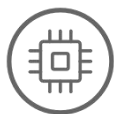




HG5075-BE36

2.5GbE +2GE + Wi-Fi 7 Router

Key Features:



High Performance
Chip Solution



Next-Gen Gigabit WiFi
Speed up to 3.6 Gbps



4K-QAM



WPA3
More Security

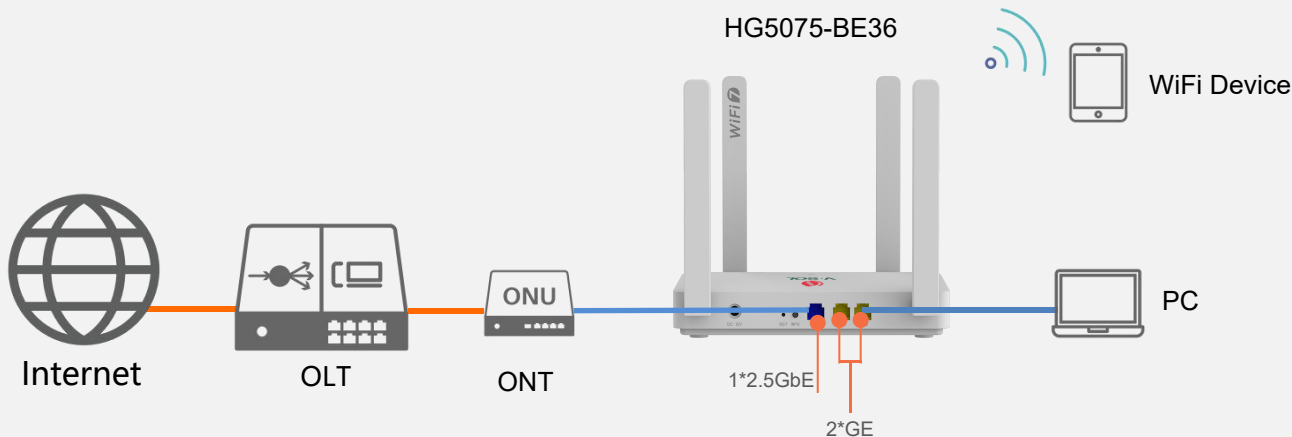


Simultaneously
Dual-Band connection

Introduction:

VSOL HG5075-BE36 (2.5GbE+2GE+Wi-Fi 7 BE3600) is a Wi-Fi 7 wireless router designed for home users seeking premium performance. Both its Dual-Band supports Wi-Fi 7 (802.11be) technology, delivering a combined throughput of up to 3570 Mbps (5GHz: 2882 Mbps, 2.4GHz: 688 Mbps). Equipped with a 2.5GbE network port, it delivers faster, more stable connections to support multi-device connectivity and bandwidth-intensive applications, enhancing overall network performance and user experience. Featuring four high-gain omnidirectional antennas and a signal enhancement module (FEM), it offers superior wall penetration and extended transmission range. Support for MESH networking technology effortlessly solves the challenge of achieving seamless Wi-Fi coverage in medium to large homes.

Application Chart:



○ Hardware Parameter

Dimension	200mm*143mm*30mm(L*W*H)
Net weight	about 0.37kg
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	DC 12V, 1.5A
Power supply	≤18W
Interface	1*2.5GbE+2*GE+Wi-Fi 7
Indicator	STATUS(1), RJ45(3)
Button	RST, WPS

○ Interface Parameter

User Interface	1*2.5GE+2*GE auto adaptive Ethernet interface , RJ45 connectors
WLAN Interface	- Compliant with IEEE802.11a/b/g/n/ac/ax/be 5GHz: 2.88Gbps, 2.4GHz: 688Mbps 5GHz: 2*2, 2.4GHz: 2*2; External Antennas - Maximum number of connected devices:256(2.4GHz:128, 5GHz:128)

○ Function Data

Management	Support WEB/Telnet/SSH/TR-069/TR369/VST APP
QoS	Support QOS, Support STA&SSID rate limiting
Multicast	- Support IGMP v1/v2/v3 - Support IGMP Proxy and Snooping
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 2.5Gbps
Wireless	- Wi-Fi 7: 802.11a/n/ac/ax/be 5GHz & 802.11 b/g/n/ax/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	- 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	- 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

Product Name	Product Description	Accessories
HG5075-BE36	2.5*GbE+2*GE+Wi-Fi 7	AC-DC power adaptor: DC12V/1.5A