



HG5051-AX18-4G

4*GE(1*WAN+3*LAN) + WiFi6 Router

Key Features:



Next-Gen Gigabit WiFi6
2.4GHz & 5GHz Dual Band
Speed up to 1.8Gbps



WPA3 encryption



Connect More Devices
OFDMA + MU-MIMO



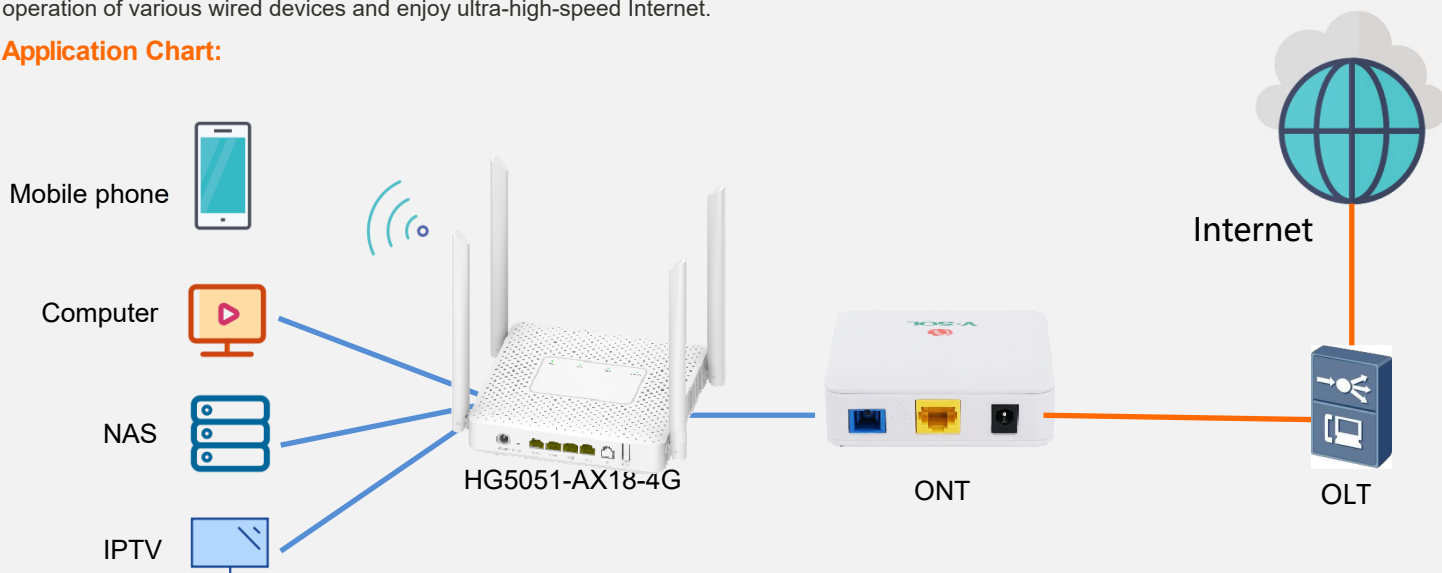
4*5dBi Antennas and
Mesh Networking,
Wide Coverage

Introduction:

HG5051-AX18-4G is a Gigabit Wi-Fi 6 router specially designed for home users. It is equipped with 4 external 5dBi high-gain antennas, more devices can be connected to the router at the same time to surf the Internet with lower latency. It supports OFDMA+MU-MIMO technology, which can significantly improve data transmission efficiency, and its wireless rate is as high as 1800Mbps (2.4GHz: 573.5Mbps, 5GHz: 1201Mbps). In addition, it also supports WIFI MESH network, which can help us build a wireless network area with large coverage.

HG5051-AX18-4G supports WPA3 WIFI encryption, which can ensure the security of users' online data. This router has 4 Gigabit Ethernet ports, which can be connected to multiple Internet devices (such as computers, NAS, etc.) through network cables to ensure smooth operation of various wired devices and enjoy ultra-high-speed Internet.

Application Chart:



○ Hardware Parameter

Size	157mm*157mm*33mm(L*W*H)
Interface	4*GE(1*WAN+3*LAN, RJ45)
Antenna	4*5dBi, External omnidirectional antenna
Button	2: RST key + (WPS/MESH combination key)
Power adapter	<ul style="list-style-type: none"> Power input: DC 12V/1A Power consumption: <12W
Working environment	<ul style="list-style-type: none"> Working temperature: -5 °C ~ 40 °C Working humidity: 0 ~ 95%(Non-condensing)
Storage environment	<ul style="list-style-type: none"> Storage temperature: -40 °C ~ 85 °C Storage humidity: 0 ~ 95%(Non-condensing)
Indicators	4 LED Indicators: Power supply, WAN Two-color signal light, WIFI light, MESH light

○ Wireless Parameters

Wireless standard	IEEE 802.11 a/b/g/n/ac/ax
Wireless spectrum	2.4GHz & 5.8GHz
Wireless rate	<ul style="list-style-type: none"> 2.4GHz: 573.5Mbps 5.8GHz: 1201Mbps
Wireless encryption	<ul style="list-style-type: none"> WPA, WPA2, WPA/WPA2, WPA3, WPA2/WPA3
Wireless antenna	<ul style="list-style-type: none"> 2*WIFI 2.4G antenna+2*WIFI 5G antenna MIMO 5dBi/2.4G; 5dBi/5G
Wireless output power	16dBm/2.4G; 18dBm/5G
Wireless support bandwidth	20MHz, 40MHz, 80MHz
Wireless user connections	<ul style="list-style-type: none"> 2.4G: 32 users 5.8G: 32 users
Wireless function	<ul style="list-style-type: none"> Support OFDMA Support MU-MIMO Support Mesh Networking and beamforming Support dual frequency integration

○ Software Data

Internet access	PPPoE, DHCP, Static IP
IP protocol	IPv4 & IPv6
Software upgrade	<ul style="list-style-type: none"> All-inclusive upgrade Web page upgrade TR069 upgrade
Working mode	Bridge Mode, Routing Mode, Relay Mode
Routing mode	Support static routing
TR069	<ul style="list-style-type: none"> HTTP/HTTPS Support downloading and extracting the ACS configuration file Support device configuration download Support query/configuration parameters Support remote upgrade Support remote debugging Support tour monitoring
Security	<ul style="list-style-type: none"> Support NAT function Support firewall function Support DMZ Support setting automatic DNS and manual DNS
Others	<ul style="list-style-type: none"> Support Ping \trace route\ tcpdump Language can be customized Supports dual accounts for administrator and user management, presenting different interfaces and content. Support current configuration backup and recovery Support to export the log of device operation Network connection status

Product Name	Product Description	Accessories
HG5051-AX18-4G	4GE(3*LAN+1*WAN)	AC-DC power adaptor: DC12V/1A