



HG5050-AX15-4G

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

Key Features:



Next-Gen Gigabit WiFi6
2.4GHz & 5GHz Dual Band
Speed up to 1.5 Gbps



WPA3 encryption



Connect More Devices
OFDMA + MU-MIMO

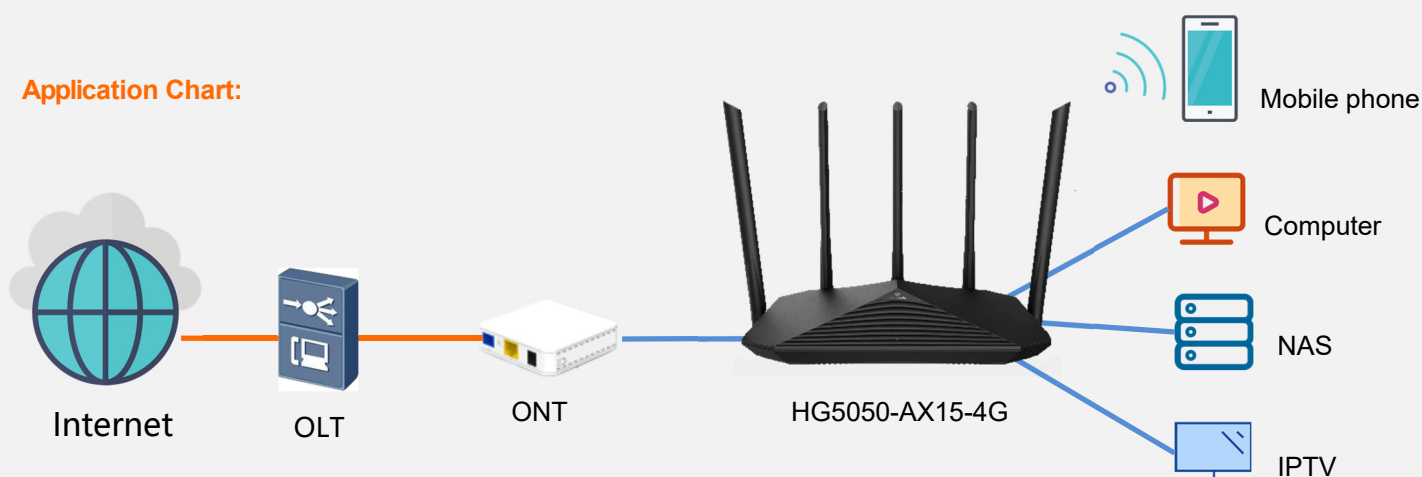


5*6dBi Antennas
Wide Coverage

Introduction:

HG5050-AX15-4G is a gigabit Wi-Fi 6 Router designed for home users, which rate up to 1501Mbps (2.4GHz: 300Mbps, 5GHz: 1201Mbps). HG5050-AX15-4G is equipped with high-performance FEMs and 5 external 6dBi high-gain antennas. More devices can be connected to the internet at the same time with lower lag, and the transmission efficiency is significantly improved by OFDMA+MU-MIMO technology. Connecting more wired devices for faster transfer speed with the gigabit ethernet port, make sure all kinds of wired devices work smoothly then enjoy the ultra-speed network.

Application Chart:



○ Hardware Parameter

Size	239mm*144mm*40mm(L*W*H)
Wired standard	IEEE802.3, IEEE802.3u, IEEE802.3ab
Interface	4*GE(1*WAN+3*LAN, RJ45)
Antenna	5*6dBi, External omnidirectional antenna
Button	WPS/Reset
Power adapter	• Input: AC 100-240V, 50/60Hz • Output: DC 12V/1A
Working environment	• Working temperature: 0 °C ~ 40°C • Working humidity: 10% ~ 90% RH (Non condensing)
Storage environment	• Storage temperature: -40 °C ~ 70 °C • Storage humidity: 5% ~ 90% RH (Non condensing)
Indicators	LED*1

○ Wireless Parameters

Wireless standard	• 5GHz: IEEE 802.11 ax/ac/a/n • 2.4GHz: IEEE 802.11 b/g/n
Wireless spectrum	2.4GHz & 5GHz
Wireless rate	• 2.4GHz: 300Mbps • 5GHz: 1201Mbps
Wireless function	• Support OFDMA • Support MU-MIMO • Support Beamforming
Wireless encryption	• WPA2-PSK, WPA3-SAE/WPA2-PSK • Wireless encryption disable and enable • WPS fast and secure connection

○ Software Data

Internet access	PPPoE, Dynamic IP, Static IP
IP protocol	IPv4 & IPv6
Working mode	• AP mode • Wireless routing mode • Wireless relay mode(Client+AP, WISP)
Access control	• Client filtering • Parental control
Firewall	• Anti WAN port PING, disabled/enabled • Anti UDP packet flooding • Anti TCP packet flooding • Anti ICMP packet flooding
Virtual server	• UPnP • Port forwarding • DMZ host
DHCP	• DHCP server • DHCP client list • DHCP static address reservation and allocation
Others	• IPTV • IPv6 • Dual frequency integration function • Intelligent power saving • Bandwidth control • Guest network • System log • Remote Web management • MAC Address Clone • Automatic migration technology of broadband account • Configure backup and recovery • Support automatic detection of access mode • Online upgrade (New version push and online detection) • Network status display • Network topology

Product Name	Product Description	Accessories
HG5050-AX15-4G	4GE	AC-DC power adaptor: DC12V/1A