HG5020-AX15-3G

3GE + USB2.0 + WiFi6

Key Features:

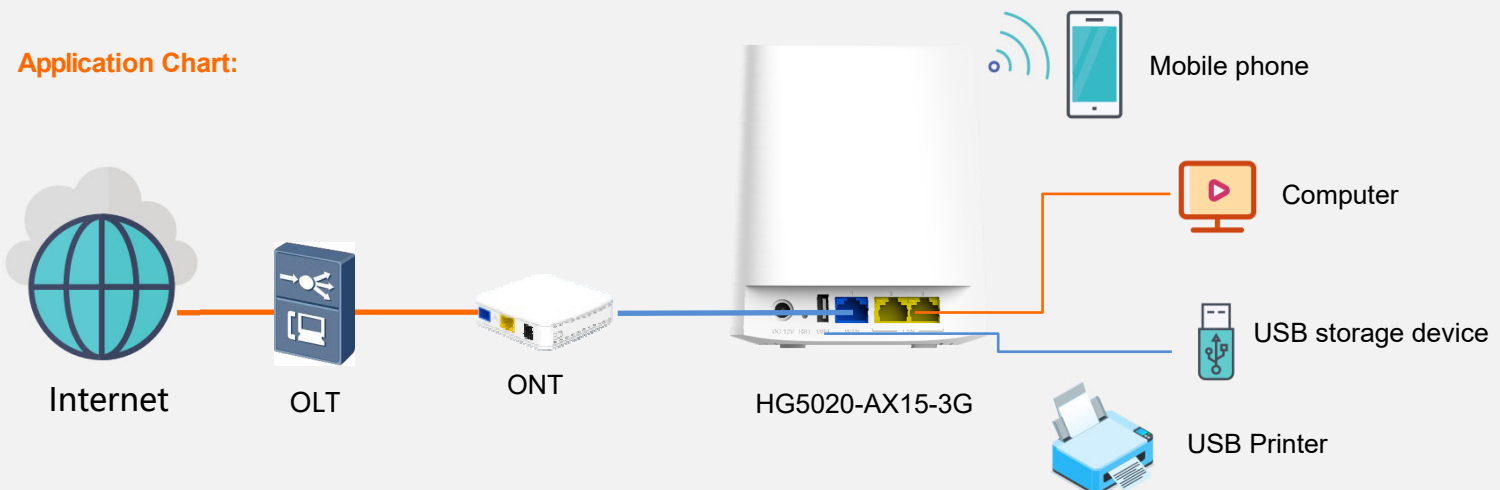|			
RTL CPU Chipset + Wi-Fi Chipset(2.4GHz With FEM), High Performance Solution	Next-Gen Gigabit WiFi Speed up to 1.5 Gbps	Connect More Devices OFDMA + MU-MIMO	WPA3 More Security

Introduction:

HG5020-AX15-3G(3GE+USB2.0+WiFi6 AX1500 Wireless Router) adopts WiFi6 technology which has redefined home WiFi. Experience up to 3x faster speeds, higher capacity, and reduced congestion overall compared to the previous AC WiFi5 standard. The AX1500 4-stream dual-band WiFi6 wireless router reaches speeds of up to 1.5 Gbps, for a buffer-free 4K/HD streaming and gaming experience. The WiFi6 router lets you connect even more devices via OFDMA technology, minimizing network congestion that occurs with too many connected devices. Realtek CPU Chipset and Realtek Wi-Fi Chipset effortlessly handle all your streaming, gaming and smart home devices. HG5020-AX15-3G uses Beamforming technology to focus WiFi signal to your devices for more reliable coverage. The HG5020-AX15-3G is easy use and setup with WebUI.

Application Chart:

Mobile phone

Computer

USB storage device

USB Printer

Internet   OLT   ONT   HG5020-AX15-3G

Hardware Parameter

Dimension	115*115*135mm(L×W×H)
Net weight	0.350KG
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	≤10W
Interface	3*GE + WiFi6 + USB2.0
Indicators	STATUS(1), RJ45(3)
Button	Reset, WPS

Interface Parameter

User Interface	3*10/100/1000Mbps auto adaptive Ethernet interface , RJ45 connectors(1*WAN, 2*LAN)
WLAN Interface	•Compliant with IEEE802.11b/g/n/ac/ax •1200 Mbps on 5GHz and 300Mbps on 2.4 GHz •2.4Ghz: 2*2, 5GHz: 2*2; 4*4dBi internal antenna •Maximum number of connected devices: 32 for 2.4GHz and 32 for 5GHz
USB	1×USB 2.0 for Shared Storage/Printer

Function Data

Management	WEB/Telnet/TR-069/Cloud Management
Multicast	• Support IGMP v1/v2/v3 • Support IGMP Proxy an Snooping

Function Data

WAN	Maximum speed of 1Gbps
Wireless	• Wi-Fi 6: 802.11a/n/ac/ax 5GHz & 802.11b/g/n 2.4GHz • WiFi Encryption: WPA/WPA2/WPA3 personal, WPS2.0 • Support MU-MIMO & OFDMA • Support Beamforming • Support Beamsteering • Support WIFI Easy-mesh function
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
DHCP	Support DHCP Server & DHCP Relay
Security	• Support local access control • Support IP address filtering • Support URL filtering • Support Anti-DoS 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 Parental control function

Product Name	Product Description	Accessories
HG5020-AX15-3G	3*GE+USB2.0+WiFi6	AC-DC power adaptor: DC12V/1A