

IP-COM
World Wide Wireless

IP-HG30

AX3000 Wi-Fi6 xPON ONT



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Product Description

IP-COM's AX3000 Wi-Fi6 xPON ONT IP-HG30 is a Gigabit Passive Optical Network xPON (EPON&GPON) terminal, ideal for Fiber To The Home solution. It's an all-in-one device allowing user to access high-speed internet, IPTV connection via xPON port and share it wirelessly at 3000Mbps wireless 802.11ax speeds. IP-HG30 provides a perfect terminal solution and future-oriented service supporting capabilities for FTTH deployment.

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Specification

Software Features	
WAN Connection	PPPOE, Dynamic IP, Static IP, Bridge, Support Multiple WAN Connection
DHCP	Server, Client, DHCP Client List, Address Reservation, DHCP Relay
Business Type	TR069, Internet, IPTV,
Quality Of Service	Bandwidth Control , QOS
IP Version	IPv4, IPv6
Services	DHCP, Dynamic DNS , IGMP Proxy UPnP, Samba
VPN Pass-through	PPTP, L2TP, IPsec Pass-through
Firewall	DDOS,ALG, IP Filter ,Port Filter, Mac Filter, URL Filter Port Forwarding, DMZ
Multicast	IGMP v1/v2/v3, IGMP snooping, MLD v1/v2 snooping
IPv6	RADAD, Dhcpv6, MLD Proxy, MLD Snooping
Diagnostics	Ping, Tracert , Call emulation
TR069	ACS, Connection request
Extended function	EasyMesh , Preset
O&M	WEB/TELNET/OAM/OMCI/TR069

Wireless Features	
Wireless Standards	IEEE 802.11 a/b/g/n/ac/ax
Wireless Rate	2.4GHz:574Mbps; 5GHz:2402Mbps
Bandwidth	2.4G :20M/40M/80M, 5G: 20M/40M/80M/160M
Channel Range	2.4G : CH1-CH13 ; 5G : CH36-CH48, CH149-CH165
Antenna	4 * 6 dBi Antenna
Easy Client Setup	WPS Button, WPS LED
Transmit Power	2.4G: <20 dBm(EIRP); 5G: <23dBm(EIRP)
Wireless Functions	Enable/Disable Wireless Radio, WDS Bridge, WMM, Wireless Statistics, Beamforming, Band String, OFDMA, MU-MIMO, BSS Coloring
Wireless Security	64/128-bit WEP, WPA / WPA2/ WPA3
SSIDs	Main SSID at 2.4Ghz and 5GHz 4 Guest SSIDs Both At 2.4GHz and 5GHz
Max Terminal Linked	32 at both 2.4GHz and 5GHz

Hardware Features	
Standards	ITU G.984.1, ITU G.984.2, ITU G.984.3, ITU G.984.4, IEEE802.3ah, IEEE 802, 802.1Q, 802.10, IEEE 802.11, 802.3U, 802.3Z
Chipset	RTL9607F
Interface	1*SC/APC (or UPC) Port, 4*1000Mbps RJ45 LAN Port, 1*DC Port.
LED	PWR、INET、PON、LOS、LAN1、LAN2、LAN3、LAN4、2.4G、5G、WPS
Button	1*RST+1*WPS Button
Optical Mode	Class B+
Optical Wavelength	Transmit at 1310nm, Receive at 1490nm
Transmission Distance	20km Max
Bandwidth	Upstream 1.244Gbps Max, Downstream 2.488Gbps Max
Dimensions (W * D * H)	210mm×140mm×44mm(L×W×H)
TX Power	0.5~5dBm
RX Power	-28~-8dBm
External Power Supply	DC 12V /1.5A
Power Consumption	≤18w

Environment	
Operating Temperature	0° c ~ 45° c
Storage Temperature	-40° c ~ 70° c
Operating Humidity	10% ~ 95% (Non-condensing)
Storage Humidity	5% ~ 90% (Non-condensing)