

Datasheet

AX3000 Dual Band Wi-Fi 6 GPON Router

WI-GP1430



Features

Ultra-fast GPON Port

Coming with ITU-T G.984/G.988 GPON standards, WI-GP1430 can reach maximum data rate of 2.488Gbps DL and 1.244Gbps UL.

Excellent Wi-Fi Speed and Stable performance with MU-MIMO technology

Coming with 802.11ax and MU-MIMO technology, WI-GP1430 delivers combined Wi-Fi speed of up to 3000Mbps and ensures multiple terminals online at the same time even in the congested network environment.

Gigabit Ethernet Port

With four Gigabit Ethernet ports, WI-GP1430 provides fast and stable connection to the wired device such as PC, IPTV, game consoles and more.

Better Wi-Fi Coverage with Beamforming Technology

With Beamforming technology, WI-GP1430 shapes a directional WiFi signal aimed at a WiFi client based on the client's location, improving Wi-Fi Coverage and network performance.

Supports VOIP Calls

By connecting the telephone to the RJ11 port, enjoys phone calls over the Internet.

Easy Remote Management

With TR069 remote management, WI-GP1430 reduces on-site support needs by performing remote operations, which improves management efficiency and lowers maintenance costs.



Specifications

Model	WI-GP1430
Hardware Features	
Hardware Version	V1.0
Chipset	RTL9607DQ+RTL8832CR-CG+RTL8192XBR-CG+Le9642PQCT
CPU frequency	Quad core ARM Cortex-A55 1.0 GHz
Memory	512MB 16-bit DDR4
Flash	256MB NAND
Interface	1 x SC/APC GPON Port 4 x RJ45 10M/100M/1000M LAN Ports 1 x WPS button 1 x reset button 1 x Power jack 2 x RJ11 Phone jacks
Power Supply	12V/2A
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac/ax
Frequency	2.4G: 2.4~2.4835GHz 5G: 5.150GHz~5.825GHZ *Please follow national regulations to select the appropriate frequency.
Data Rates	2.4GHz: up to 574Mbps 5GHz: up to 2402Mbps
MIMO	2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO
Antenna	2.4GHz: 2 x 5dBi External antennas 5GHz: 2 x 5dBi External antennas
Modulation schemes	OFDM – BPSK, QPSK, 16-QAM, 64-QAM 256-QAM 1024-QAM
	DSSS – DBPSK, DQPSK, CCK
Max. TX Power	5GHz: 18dBm 2.4GHz: 17dBm

Model	WI-GP1430
Transfer Rate	2.4GHz: HE20: up to 286.8Mbps HE40: up to 576.5Mbps 5GHz: HE20: up to 286.8Mbps HE40: up to 576.5Mbps HE80: up to 1201Mbps HE160: up to 2402Mbps
Software Features	
General Protocols	Wireless main Protocols: IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.11ac IEEE 802.11ax IEEE 802.11h(dfs) IEEE 802.11e(wmm) IEEE 802.11k/v/r Network main Protocols RFC0768 UDP RFC0791 IP RFC0792 ICMP RFC0793 TCP RFC0826 Ethernet ARP RFC0894 IP over Ethernet RFC0922 Broadcasting Internet Datagrams RFC0950 Internet Standard Subnetting IEEE802.3 Ethertype IEEE802.1p RFC2516 PPP Over Ethernet (PPPoE) RFC1662 PPP in HDLC-like Framing RFC1332 PPP Internet Protocol Control Protocol RFC1042 Transmission of IP Datagrams over IEEE 802 Networks IPoE (a.k.a IP over Ethernet over AAL5)

Model	WI-GP1430
Network Features	IPv4/IPv6 dual stack 6RD IPoE Bridge Mode IPoE DHCP/Static PPPoE Dynamic/Static IPv6 Stateless/Stateful PPTP、L2TP IPSEC VPN IGMP proxy and MLD for IPTV DNS Proxy DHCP server NAT,NAPT and ALG
Wireless Features	Embedded AP with 4 SSIDs on each Radio Separate authentication for each SSID Wmf Auto Channel BSD EasyMesh WPA3/SAE Security
Other Features	QOS Flow Control Samba/DLNA/FTP NAT,NAPT and ALG DMZ and Port forwarding(Virtual server) SPI Firewall, Denial of Service (DoS) protection Port filtering, IP filtering and MAC filtering URL filter DDNS Static route SNTP Date/time update from Internet Time Server Diagnostics(Ping/TraceRoute) Logs and statistics

Model	WI-GP1430
Management	WEB GUI TR-069 remote management
Environment Requirement	
Operating Temperature	0°C~40°C
Storage Temperature	-20°C ~ 90°C
Operating Humidity	5%~95% (typical)
EMC/Safety	
Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS



Wireless-Tek Technology Limited

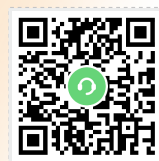
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Technical Support



Cloud Management



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