

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

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



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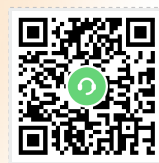
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Technical Support



Cloud Management



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