



Model	WI-GP1412
Hardware Version	V1
Hardware Features	
Chipset	RTL9607C-VB+RTL8812FR+RTL8192FR+SI32280
CPU frequency	Dual core 1GHz
Memory	256MB DDR
Flash	128MB 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 1 x Power switch 2 x RJ11 Phone jacks
Power Supply	12V/1A
Wireless Features	
Standards	IEEE 802.11a/b/g/n/ac
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 300Mbps 5GHz: up to 867Mbps
MIMO	2.4GHz: 2x2 MIMO 5GHz: 2x2 MIMO
Antenna	2.4GHz: 2 x 5dBi External antennas 5GHz: 2 x 5dBi External antennas
Modulation scheme	OFDM – BPSK, QPSK, 16-QAM, 64-QAM, 256-QAM
	DSSS – DBPSK, DQPSK, CCK
Transfer Rate	Ht20: up to 144 Mbps HT40: up to 300 Mbps VHT80: up to 867Mbps
Software Features	
General Protocols	Wireless main Protocols: IEEE 802.11a IEEE 802.11b IEEE 802.11g IEEE 802.11n IEEE 802.11ac Network main Protocols: RFC 826 – ARP RFC 4638 support – automatic MTU/MRU negotiation in PPPoE; RFC 1305 – NTP and/or RFC 4330 – SNTP RFC 791 – ICMP RFC 1305 – NTP and/or RFC 4330 – SNTP 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 A standard for the Transmission of IP Datagrams over IEEE 802 Networks IPoE (a.k.a IP over Ethernet over AAL5)
Network Features	DHCP server client NAT,NAPT and ALG DMZ and Port forwarding(Virtual server) PPTP L2TP VPN IPSEC VPN IGMP proxy and MLD for IPTV
Wireless Features	Embedded AP with 4 SSIDs on each Radio Separate authentication for each SSID Wmm AutoChannel BSD WPA3/SAE Security
Other Features	Flexible and secure SPI Firewall, Denial of Service (DoS) protection Port filtering IP filtering and MAC filtering URL filter QOS Flow Control DDNS IPV6 Static route SNTP Date/time update from Internet Time Server
Management	WEB GUI TR-069 remote management
Environment Requirement	
Operating Temperature	0°C~48°C
Storage Temperature	–30°C~70°C
Operating Humidity	5%~95% (typical)
EMC/Safety	
Regulation Compliance	CE
Safety Regulations	UL
Green Standard	RoHS