

## Key features

- IEEE802.11a/b/g/n/ac, dual band & dual concurrent
- Total wireless bandwidth is up to 1750Mbps
- Gigabit port connect to HD AV performance
- Next generation IPv6 complianed



### IoT gateway with high performance Wi-Fi

The EPG5000 is the world fast wireless gateway with the latest 11ac technology. Compare the speed with current 802.11n. The EPG5000 deliver 1.3Gbps at 5GHz. It is 3 times faster than the 802.11n technology. The total wireless speed is up to 1.75Gbps. The upgraded throughput will bring you the smoothly wireless with less lag and flexibility. It's time to join the Gigabit wireless network through the EnGenius EPG5000.

### Support the next generation IPv6 application

For the reason to improve the IP resources, many operators are starting to migrate their Internet service from the IPv4 to IPv6 (Internet Protocol version 6). EnGenius EPG5000 supports the latest IPv6 standard application. It's not only for the operator future requirement but also future IPv6 client device.

### Industry-standard wireless security & firewall

The EPG5000 supports several security features and settings including the industry-standard WPA/WPA2 wireless encryption for the reason to prevent unauthorized access to the network. The SPI firmware and MAC/IP address filter to ensure your network security from the both WAN and LAN ports.

### Internet of Things solution for EnGenius cloud service

EnGenius cloud service is an Internet of Things (IoT) solution that links a vast array of devices (routers, gateways, USB enabled devices, storage devices, home sensors & IP cameras) across your home network for network users to monitor and configure through mobile devices.

## Physical Interface

- 1\* 10/100/1000Mbps WAN Port
- 4\* 10/100/1000Mbps LAN Port
- 1\* USB host port
- 1\* WPS button
- 1\* Reset button

## LED indicator

- 5GHz wireless
- 2.4GHz wireless
- Power LED
- WAN LED (Internet connection)
- WPS LED (Green/orange)

## Package content

- 1\* EPG5000
- 1\* Power adapter
- Quick Start Guide
- Using EnGenius cloud guide
- 1x RJ-45 Ethernet cable

## Hardware specification

- Dimension: 161.5 x 41.5mm (Diameter x Height)
- Power adapter: 12V/1.25A

## Physical/Environment Condition

- Operation temp.: 0°C ~ 40°C
- Humidity: 90% or less (non-condensing)
- Storage Temp.: -20°C ~ 60°C
- Humidity: 95% or less (non-condensing)

## Wireless specification

- IEEE802.11ac/a/b/g/n
- Wireless band: 2.4GHz/5GHz
- 6\* Internal high performance PIFA antennas
- 2.4GHz Tx output power: 23±1.5dBm (MAX.)
- 2.4GHz Rx sensibility: -85dBm (MAX.)
- 5GHz Tx output power: 23±1.5dBm (MAX.)
- 2.4GHz Rx sensibility: -83dBm (MAX.)
- (The max. power may be different depending on local regulations)

## Software features

- Operation mode: AP Router/WDS
- Wi-Fi on/off
- Wireless output power control
- Wireless QoS (WMM)
- Multi-SSIDs for both 2.4GHz & 5GHz
- Guest network by Wireless SSIDs
- WPS (PIN/Bottom)
- Encryption: WEP/WPA/WPA2/TKIP/AES
- WAN: PPPoE/Static IP/DHCP/PPTP/L2TP
- IPv6 WAN/IPv6 LAN
- DHCP server
- Port forwarding/mapping/tagging
- ALG (Application Layer Gateway)
- VPN passthrough: PPTP/L2TP/IPSec
- Lite VPN server: PPTP/L2TP/IPSec
- QoS: MAC/IP/Port based
- URL/IP/Port/ICMP Filtering
- Clone MAC
- DMZ
- SPI Firewall/Anti-DoS attack
- DNS/DDNS/EnGenius DDNS service
- NTP/Sync. with PC
- UPnP/UPnP NAT traversal
- IGMP proxy
- DLNA
- Remote control/Firmware upgrade
- Emergency recovery page (System failure)
- Backup/Restore setting
- Auto power saving
- USB: FTP server/SAMBA/File sharing
- Web based file server (USB sharing)
- Mobile app. (iOS/Android) supported