

## Datasheet (GL-X3000)

# Meet Spitz AX

## Wi-Fi 6 Cellular Router



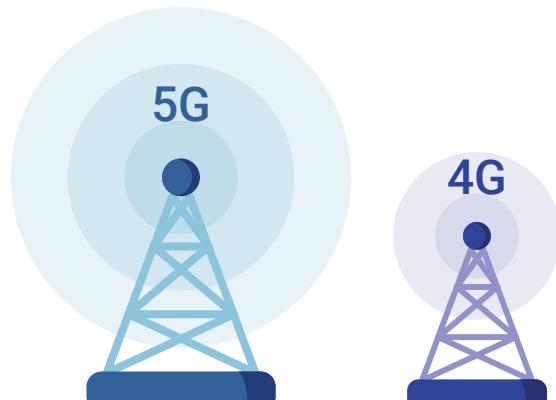
GL-X3000 is a Wi-Fi 6 4G/5G Cellular Router designed to offer internet speed of 574Mbps (2.4GHz) and 2402Mbps (5GHz), with a combined maximum Wi-Fi speed of 3000Mbps. It is designed for high-speed internet usage with a failover cellular connection, or for scenarios without a reliable source of internet, including recreational vehicles traveling in remote locations, or public transport within high interference city limits.

GL-X3000 is equipped with six SMA external antennas, with an optional antenna selection between 4G LTE, 5G NR, Wi-Fi, and GPS.

## Highlights

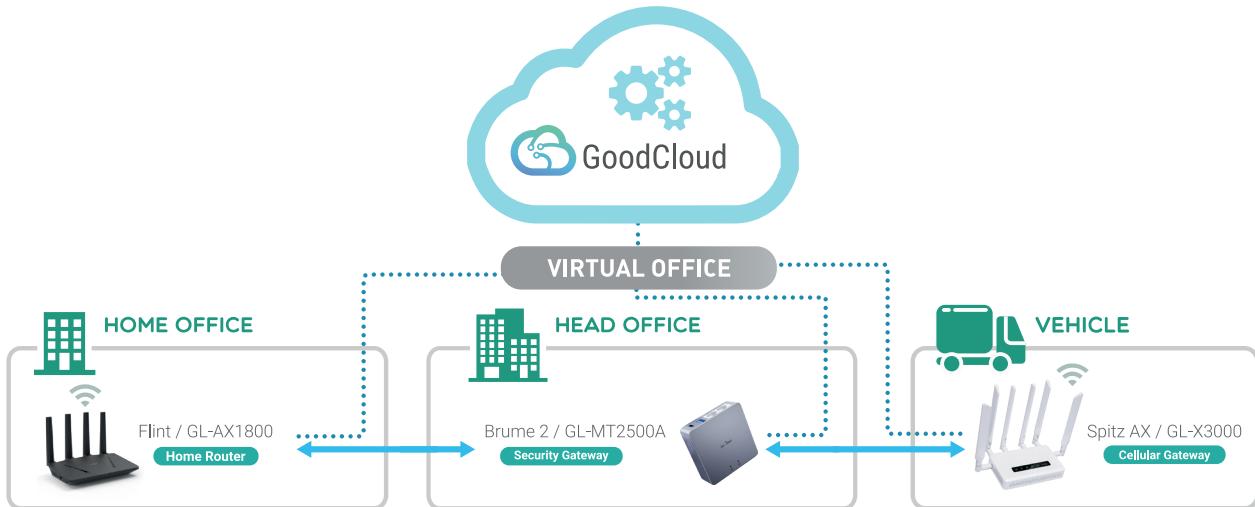
### 5G NR Connectivity

GL-X3000 supports 5G New Radio cellular connectivity, offering 20 times faster potential download speed in comparison to 4G LTE, at less than 5ms latency. 5G's Massive Machine-Type Communications technology for supporting high network density connections also reduces delay or interruption due to interference.



## SD-WAN as a Service

GL-X3000 provides a simple SD-WAN (Software-defined WAN) solution using our device management platform - GoodCloud S2S (Site-to-Site), enabling high network performance and efficiency while maintaining the same level of security, elasticity, and automation.



## High-speed VPN

GL-X3000 is pre-installed with OpenVPN and WireGuard® supporting 30+ VPN services, it can run OpenVPN at 150 Mbps and WireGuard® at 300 Mbps.

### WireGuard

Max. 300Mbps

### OpenVPN

Max. 150Mbps

## Secured Network

GL-X3000 runs on WPA3 security protocol, it supports VPN remote access to client devices using GoodCloud. The network runs on the latest version of Internet Protocol IPv6, and it also supports Cloudflare DNS over TLS security protocol, ensuring a secure network.

# Specifications

## HARDWARE

<b>CPU</b>	MediaTek Dual-core MT7981A, @1.3GHz
<b>Memory / Storage</b>	DDR4 512 MB / 8GB eMMC
<b>Wi-Fi</b>	802.11 a/b/g/n/ac/ax, 574Mbps (2.4GHz) 802.11 a/b/g/n/ac/ax, 2402Mbps (5GHz)
<b>External Antennas</b>	6 x Optional Antennas (4G LTE / 5G NR / Wi-Fi / GPS)
<b>External Speed</b>	10/100/1000/2500 Mbps
<b>Exterior Material</b>	ABS + PC
<b>Dimension</b>	155 x 95 x 31mm

## SOFTWARE FEATURES

<b>Operating System</b>	OpenWrt
<b>Network mode</b>	Routing, AP, Wireless Bridge, Wired Bridge
<b>Ethernet Dialing Mode</b>	DHCP, Static, PPPoE
<b>Repeater Mode</b>	Scans and connects to SSID Connects to hidden SSID
<b>4G/5G Modem</b>	Sets AT command Automatic / Manual setting Receives SMS Display signal strength
<b>GPS</b>	View current and historical location data

**Wireless Configuration**

- Switching on and off wireless AP
- Modifying and hiding SSID
- Modifying encryption mode and password
- Channel modification
- Bandwidth modification
- Modifying transmission power
- Guest SSID

**Display Flow Statistics  
(Cloud Platform Required)**

- Display product model, name, IP address, MAC address
- Current rate
- Flow statistics
- QoS settings

**Client List**

- Show current connected clients
- Disable a client (no internet access)

**Firewall Function**

- Port forwarding, open port, DMZ

**VPN**

- OpenVPN client & server
- WireGuard client & server
- Maximum OpenVPN Speed: 150Mbps
- Maximum WireGuard Speed: 300Mbps
- Policy routing

**System Function**

- Restart
- Restore factory settings
- Change IP address range on LAN side
- Change time zone
- MAC address clone
- Encrypted DNS
- DDNS
- Cloud remote management
- Remote web management
- Remote SSH management
- Installing / uninstalling packages
- Drop-in Gateway mode
- Multi-WAN

## INTERFACE

<b>Ethernet Port</b>	1 x 2.5G WAN, 1 x 1G LAN
<b>TF Card Slot</b>	TF card, maximum 1TB
<b>SIM Card Slot</b>	2 x Nano SIM card (12.3mm x 8.8mm)
<b>USB Port</b>	USB2.0 Type-A
<b>LED Indicator</b>	System / Internet / 2.4G WiFi 5G WiFi / Signal Strength
<b>Reset Button</b>	Press (>3s, <8s) restores network settings to device initial state Long press (>=8s) restores factory settings
<b>Power Port</b>	DC, 9-36V

## CERTIFICATION

- CE
- FCC
- RoHs

## ENVIRONMENT

<b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
<b>Storage Temperature</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	5%~95%, non-condensing
<b>Storage Humidity</b>	5%~95%, non-condensing

## PACKAGE LIST

### 4G LTE

1 x GL-X3000 Router

1 x Power Adapter

2 x Wi-Fi Antennas

4 x 4G LTE Antennas

1 x GPS Antenna (Optional)

1 x Ethernet Cable

1 x User Manual

1 x Warranty Card

### 5G NR

1 x GL-X3000 Router

1 x Power Adapter

2 x Wi-Fi Antennas

4 x 5G NR Antennas

1 x Ethernet Cable

1 x User Manual

1 x Warranty Card

## CONTACT US

### GL TECHNOLOGIES (HONG KONG) LIMITED

Unit 203, 2/F, Building 19W, 19 Science Park West Avenue, Hong Kong Science Park, Pak Shek Kok, N.T, Hong Kong

WEBSITE [www.gl-inet.com](http://www.gl-inet.com)

E-MAIL [sales@gl-inet.com](mailto:sales@gl-inet.com)