

Datasheet (GL-X3000)

Meet Spitz AX

Wi-Fi 6 Cellular Router



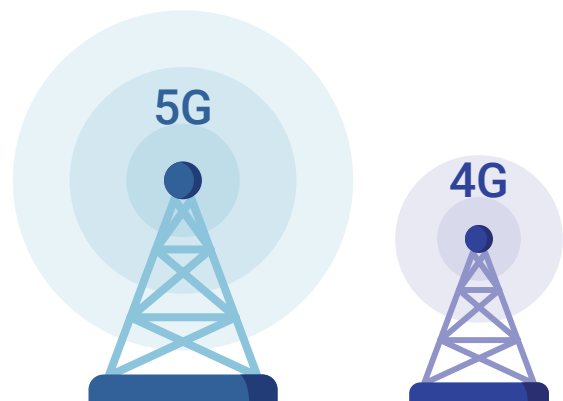
GL-X3000 is a Wi-Fi 6 4G/5G Cellular Router designed to offer internet speed of 574Mbps (2.4GHz) and 2402Mbps (5GHz), with a combined maximum Wi-Fi speed of 3000Mbps. It is designed for high-speed internet usage with a failover cellular connection, or for scenarios without a reliable source of internet, 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

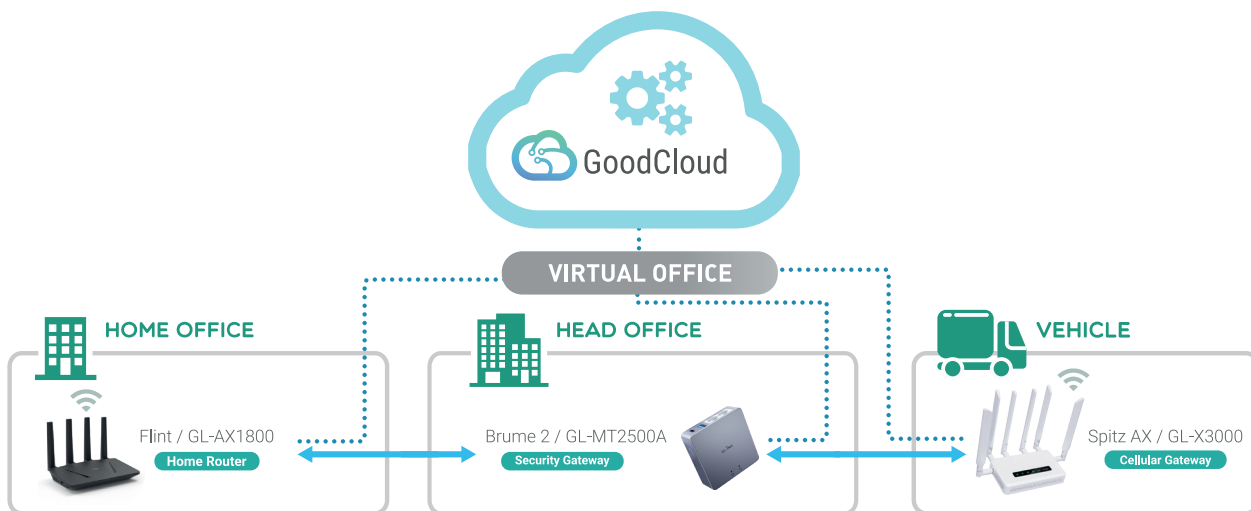
5G NR Connectivity

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

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

SOFTWARE FEATURES

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

Ethernet Port	1 x 2.5G WAN, 1 x 1G LAN
TF Card Slot	TF card, maximum 1TB
SIM Card Slot	2 x Nano SIM card (12.3mm x 8.8mm)
USB Port	USB2.0 Type-A
LED Indicator	System / Internet / 2.4G WiFi 5G WiFi / Signal Strength
Reset Button	Press (>3s, <8s) restores network settings to device initial state Long press (>=8s) restores factory settings
Power Port	DC, 12/24V

CERTIFICATION

- CE
- FCC
- RoHs

ENVIRONMENT

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

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