Datasheet (GL-X3000)

Meet Spitz AX
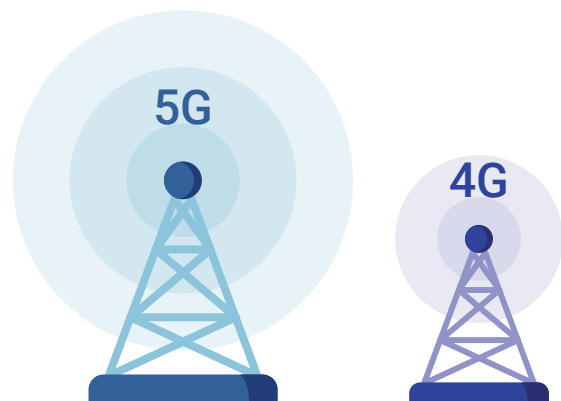
Wi-Fi 6 Cellular Router

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.
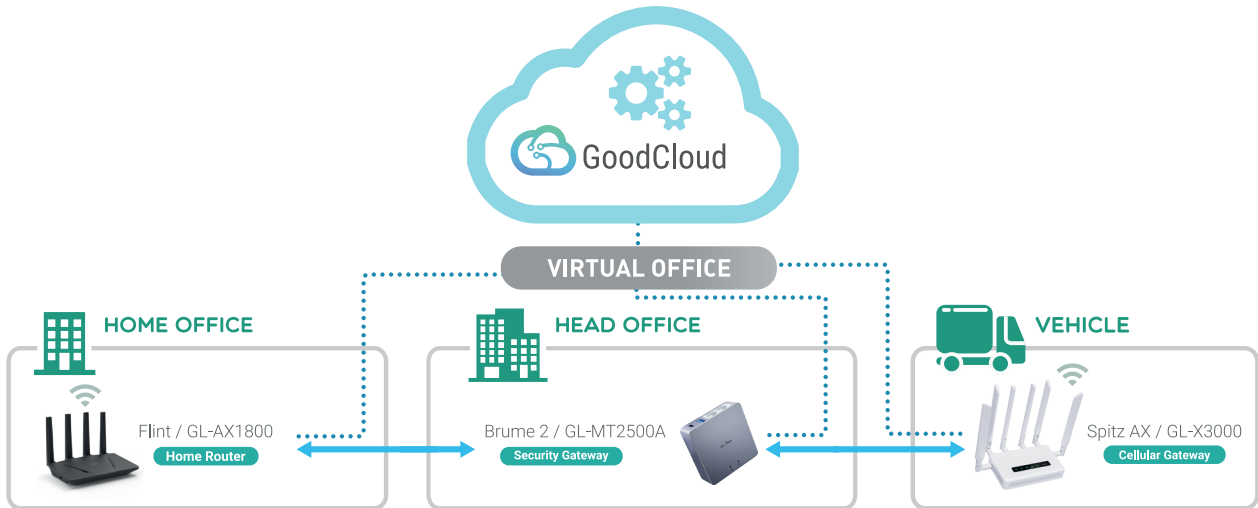
Highlights

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 Good-Cloud. 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 addreess, 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
- RoHs
- FCC

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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