

Cellular (4G/5G) Routers & Gateways

GL-XE300 / GL-X750V2 / GL-X3000 / GL-XE3000 / GL-E750 / GL-X300B



Puli
GL-XE300



Spitz
GL-X750V2



Spitz AX
GL-X3000



Puli AX
GL-XE3000

SPECIFICATIONS

	Puli GL-XE300	Spitz GL-X750V2	Spitz AX GL-X3000	Puli AX GL-XE3000
CPU	QCA9531, @650MHz	QCA9531, @650MHz	MT7981A, Dual-core @1.3GHz	MT7981A, Dual-core @1.3GHz
Memory	DDR2 128MB	DDR2 128MB	DDR4 512MB	DDR4 512MB
Flash	16MB Nor + 128MB Nand	16MB Nor	8GB EMMC	8GB EMMC
Wireless Protocol	802.11 b/g/n	802.11 a/b/g/n/ac	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax
Frequency	2.4GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz
2.4GHz WiFi	300Mbps	300Mbps	574Mbps	574Mbps
5GHz WiFi	—	433Mbps	2402Mbps	2402Mbps
Ext. Antenna	Optional	2	6	6
Ethernet Port	1WAN, 1LAN	1WAN, 1LAN	1WAN, 1LAN	1WAN, 1LAN
Ethernet Speed	10/100M	10/100M	1x2.5G; 1xGE	1x2.5G; 1xGE
USB Port	USB 2.0	USB 2.0	USB 2.0	USB 2.0
Power Input	5V/2A	12V/1.5A	DC 12V (default adapter) / 24V	DC12V
Power Consumption	<5W	<6W	<7.5W	<7.5W
Operating Temperature	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)
Dimension / Weight	120*74*27 mm / 224g	115*74*22mm / 212g	155*95*36mm / 520g	155*95*51mm
MicroSD Slot	✓	✓	✓	✓
Built-in Nand Flash	✓	*	—	—
Built-in Battery	✓	—	—	✓
Cellular	4G LTE	4G LTE	4G LTE / 5G NR	4G LTE / 5G NR
Built-in BLE	*	—	*	—
Built-in THREAD	—	—	—	—
Built-in GPS	—	—	*	*

* Optional features / OEM available

*supported with the docking station



Puli / GL-XE300

- Equipped with 4G LTE modem.
- Equipped with a 5000mAh Lithium polymer battery.
- Max 512GB MicroSD external storage and NOR/NAND dual flash.

Spitz AX / GL-X3000

- Equipped with 5G NR & 4G LTE modem.
- Optional dome antennas and 12000mAh battery.
- Dual-SIM card, Multi-WAN & load balancing.



IoT Gateways

GL-S200 / GL-S10



mudi
GL-E750



Collie

GL-X300B-GPS / GL-X300B-BLE



GL-S200



GL-S10

SPECIFICATIONS

	GL-E750	GL-X300B-GPS / GL-X300B-BLE	GL-S200	GL-S10
CPU	QCA9531, @650MHz	QCA9531, @650MHz	QCA9531, @650MHz	ESP32-D0WD
Memory	DDR2 128MB	DDR2 128MB	DDR2 128MB	SRAM 520KB + PSRAM 8MB
Flash	16MB Nor + 128MB Nand	16MB Nor	16MB Nor + 128MB Nand	4MB Nor
Wireless Protocol	802.11 a/b/g/n/ac	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
Frequency	2.4GHz, 5GHz	2.4GHz	2.4GHz	2.4GHz
2.4GHz WiFi	300Mbps	300Mbps / 150Mbps	150Mbps	150Mbps
5GHz WiFi	433Mbps	—	—	—
Ext. Antenna	0	5 / 3	2	1
Ethernet Port	1WAN/LAN^	1WAN, 1LAN	1WAN, 1LAN	1WAN
Ethernet Speed	10/100M	10/100M	10/100M	10/100M
USB Port	USB 2.0	—	—	—
Power Input	5V/2A	DC 9-35V	5V/2A	5V/1A
Power Consumption	<6W	<4W	<4W	<1.5W
Operating Temperature	0 ~ 35°C (32 ~ 95°F)	-20 ~ 55°C (-4 ~ 131°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)
Dimension / Weight	145*77*23mm / 285g	104*113*28mm / 235g	118*85*30mm / 108g	57*57*25mm / 53.6g
MicroSD Slot	✓	—	—	—
Built-in Nand Flash	✓	*	✓	—
Built-in Battery	✓	—	—	—
Cellular	4G LTE	4G LTE	—	—
Built-in BLE	—	*	BLE 5.0	BLE 4.2
Built-in THREAD	—	—	✓	—
Built-in GPS	—	*	—	—



Collie / GL-X300B

- Equipped with 4G LTE modem.
- Equipped with DIN rail mount.
- Optional GPS, RS485 or BLE module.

GL-S200

- Dual-protocol THREAD & BLE5.0.
- Device topology & ready-made development board configuration interface.



Travel Routers

GL-SFT1200 / GL-A1300 / GL-AXT1800 / GL-MT3000



Opal
GL-SFT1200



Slate Plus
GL-A1300



Slate AX
GL-AXT1800



Beryl AX
GL-MT3000

SPECIFICATIONS

	Opal GL-SFT1200	Slate Plus GL-A1300	Slate AX GL-AXT1800	Beryl AX GL-MT3000
CPU	SF19A28, Dual-Core @1GHz	IPQ4018, Quad Core @710MHz	IPQ6000, Quad-core @1.2GHz	MT7981B, Dual-core @1.3GHz
Memory	DDR3 128MB	DDR3L 256MB	DDR3L 512MB	DDR4 512MB
Flash	128MB SPI Nand	4MB Nor + 128MB Nand	128MB Nand	256MB Nand
Wireless Protocol	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac/ax	802.11a/b/g/n/ac/ax
Frequency	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz
2.4GHz WiFi	300Mbps	400Mbps	600Mbps	574Mbps
5GHz WiFi	867Mbps	867Mbps	1200Mbps	2402Mbps
Ext. Antenna	2	2	2	2
Ethernet Port	1WAN, 2LAN	1WAN, 2LAN	1WAN, 2LAN	1WAN, 1LAN
Ethernet Speed	10/100/1000M	10/100/1000M	10/100/1000M	1x2.5G; 1xGE
USB Port	USB 2.0	USB 3.0	USB 3.0	USB 3.0
Power Input	5V/3A	5V/3A	5V/4A	5V/3A
Power Consumption	<6W	<6.5W	<8.75W	<6.5W
Operating Temperature	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)
Dimension / Weight	118*85*30mm / 145g	118*85*30mm / 181g	125*82*36mm / 245g	106*83*33mm / 196g
MicroSD Slot	—	—	✓	—
Built-in Nand Flash	✓	✓	✓	✓
Built-in Battery	—	—	—	—
Cellular	—	—	—	—



Slate AX / GL-AXT1800

- AX1800 Wi-Fi 6, optimized to run high speed WireGuard VPN efficiently.
- OpenVPN up to 120Mbps; WireGuard® up to 550Mbps.

Beryl AX / GL-MT3000

- AX3000 Wi-Fi 6, large Wi-Fi bandwidth for heavy internet usage during travels.
- OpenVPN up to 150Mbps; WireGuard® up to 300Mbps.



Mini Routers

GL-MT300N-V2 / GL-AR300M Series



MANGO

GL-MT300N-V2



SHADOW

GL-AR300M Series

Security Home Gateway

GL-AX1800 / GL-MT2500 / GL-MT2500A



Flint

GL-AX1800



BRUME 2

GL-MT2500 / GL-MT2500A

SPECIFICATIONS

	MANGO GL-MT300N-V2	SHADOW GL-AR300M Series	Flint GL-AX1800	BRUME 2 GL-MT2500 / GL-MT2500A
CPU	MTK7628NN, @580MHz	QCA9531, @650MHz	IPQ6000, Quad-Core 64bit A53 @1.2GHz	MT7981B, Dual-core @1.3GHz
Memory	DDR2 128MB	DDR2 128MB	DDR3L 512MB	DDR4 1GB
Flash	16MB Nor	16MB Nor	128MB Nand	8GB EMMC
Wireless Protocol	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n/ac/ax	—
Frequency	2.4GHz	2.4GHz	2.4GHz, 5GHz	—
2.4GHz WiFi	300Mbps	300Mbps	600Mbps	—
5GHz WiFi	—	—	1200Mbps	—
Ext. Antenna	0	Optional	4	—
Ethernet Port	1WAN, 1LAN	1WAN, 1LAN	1WAN, 4LAN	1WAN, 1LAN
Ethernet Speed	10/100M	10/100M	10/100/1000M	1x2.5G; 1xGE
USB Port	USB 2.0	USB 2.0	USB 3.0	USB 3.0
Power Input	5V/2A	5V/2A	12V/1.5A	5V/2A
Power Consumption	<2.75W	<2W	<18W	<3.5W
Operating Temperature	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)
Dimension / Weight	58*58*25mm / 40g	58*58*25mm / 40g	210*120*36.8mm / 445g	70*70*24mm / 60g 157g
MicroSD Slot	—	—	✓	—
Built-in Nand Flash	—	—	✓	—
Built-in Battery	—	—	—	—
Cellular	—	—	—	—



Mango / GL-MT300N-V2

- Compactly designed to be travel friendly.
- Ideal for DIY project and mass deployment.

Flint / GL-AX1800

- Connects with up to 120 devices simultaneously, perfect for high internet demand home/office applications.
- OpenVPN up to 112Mbps; WireGuard® up to 500Mbps.



GoodCloud.xyz

GL.iNet's cloud remote device management platform designed to provide network oversight for Wi-Fi and IoT network devices, and streamline device management and maintenance procedures.

Wi-Fi Routers & IoT Device Management

Mass import Routers and gateways to goodcloud.xyz, enabling network oversight and cloud remote access to terminal devices, streamlining the management of connected devices and increasing efficiency.

Device Monitoring and Management

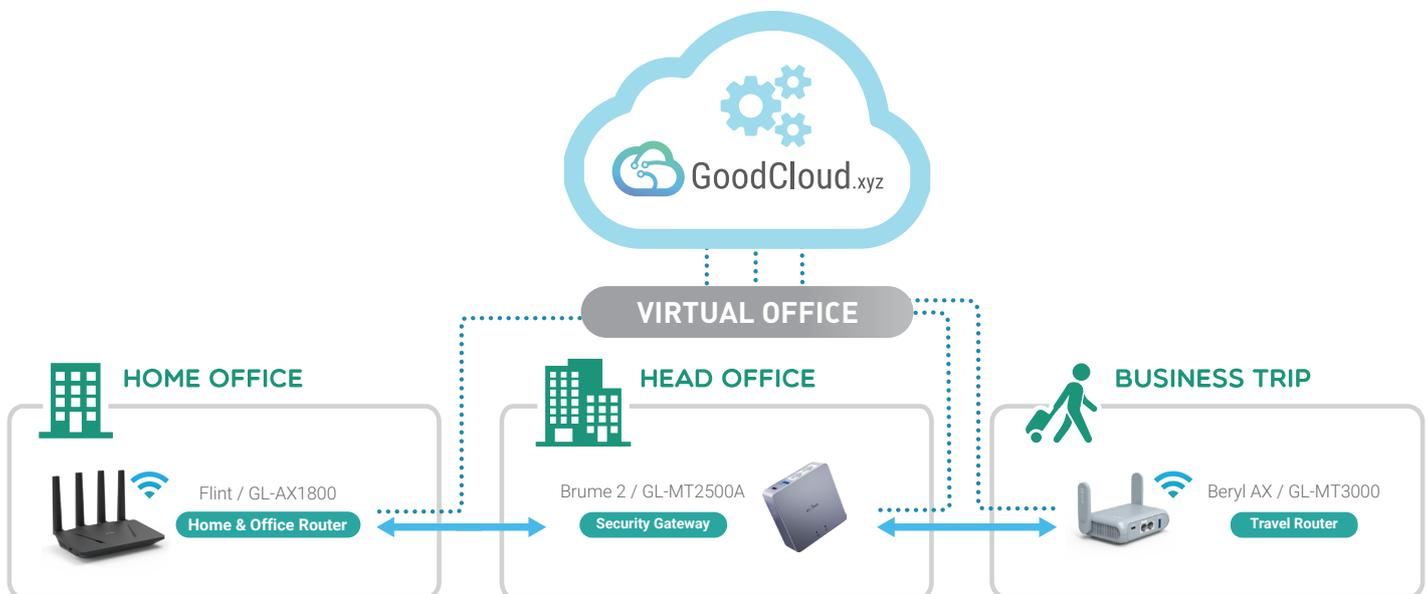
Goodcloud.xyz lets users remote access to the admin panel or terminal of routers and gateways, enabling users to view device analytics, perform batch configuration and firmware updates, and access other advanced features, all from a centralized management platform.

Simplified SD-WAN Solution

GoodCloud S2S (Site-to-Site) provides a simple SD-WAN (Software-defined WAN) solution using routers that requires minimal investment while maintaining the highest level of security, scalability, and automation.

Self Host & Rebranding

Goodcloud.xyz provides rebranding service, and enterprise users have the option to host the service under a custom domain using their own servers.



Integrating multiple offices into a single LAN network

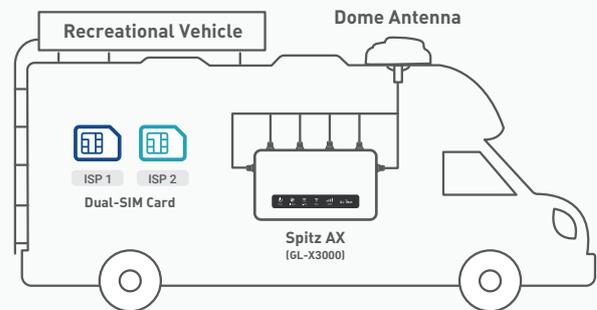
- Deploying S2S network automatically using GoodCloud
- Managing subnet and resource access easily
- Self-healing during IP changes
- Monitoring outage and data traffic online

Application Scenarios

GL.iNet's products and services are designed and flexibly customized to operate in different scenarios for a wide range of industries.

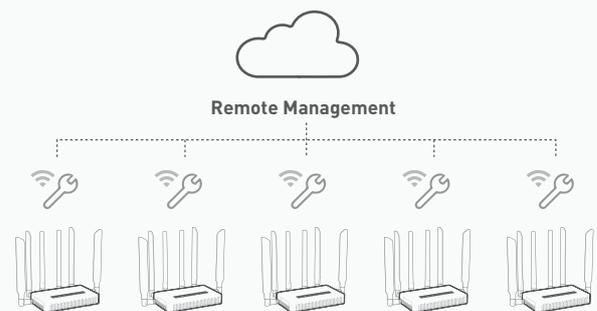
Cellular Connectivity For Recreational Vehicles

Maintain a reliable and uninterrupted network on RVs under rural areas with minimal access to network infrastructure.



Remote Technical Support for Home & Office Routers

Simplifying support service by remote accessing the device's admin panel or terminal via SSH under GL.iNet's cloud remote device management platform.



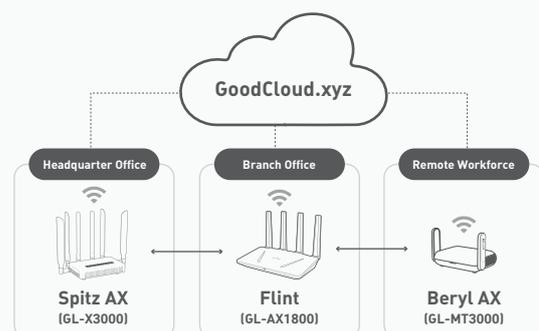
Smart Home THREAD IoT Mesh Network

Simplified smart home IoT network development using THREAD protocol and GL.iNet's pre-configured THREAD development board.



SD-WAN Solution for Multi-offices and Remote Workforce

Using GL.iNet's routers and cloud remote device management platform to establish a secure LAN network for multiple offices and remote workforce.



Company Overview

Our vision is to empower families and businesses worldwide with smarter lifestyles. We have assembled a global team of experts to develop innovative hardware and software that delivers cost-effective, dependable, and secure network connectivity. GL.iNet assists a diverse range of companies, from startups to multinational corporations, to seamlessly adapt their network infrastructure for growth by offering Wi-Fi & IoT connectivity, network security, and remote device management solutions.

Service Portfolio

Wi-Fi and IoT Network Solutions

With 12 years of network solution experience, we are a leading provider of OpenWrt Wi-Fi routers, IoT gateways, and remote device management platforms. Our cutting-edge solutions are utilized in over 128 countries, solidifying our reputation as a trusted provider on a global scale.

Quality Network Hardware Manufacturing

Our proven continuous success in design and manufacturing guarantees the superior quality of our hardware and software. We operate our own manufacturing facility to ensure the stringent quality standards are met and exceeded.

Cloud Device Management Solutions

GL.iNet's routers and gateways come with our remote device management platform, featuring remote monitoring, batch configuration, firmware updates, and network analytics.

White Label Service

Our hardware and software is customizable and can be rebranded to suit our partners' needs. Our expertise in design and manufacturing ensures a smooth integration of our solutions into our partners' existing services or operating environments.

