GL·iNet

OPENWRT ROUTERS
FOR ALL PURPOSES

GL Technologies (Hong Kong) Limited

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Cellular (4G/5G) Routers & Gateways

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

SPECIFICATIONS	Puli GL-XE300	Spitz GL-X750V2	Spitz AX GL-X3000	Puli AX GL-XE3000
CPU	Qualcomm, @650MHz	Qualcomm, @650MHz	MediaTek, Dual-core @1.3GHz	MediaTek, 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	10/100Mbps	10/100Mbps	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	12V/2.5A (default adapter) / 24V	12V/2.5A
Power Consumption	<5W	<6W	<14W	<14W
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*49mm / 761g
MicroSD Slot	✔	✔	✔	✔
Built-in Nand Flash	✔	✱	—	—
Built-in Battery	3.7V/5000mAh/18.5Wh	—	—	7.4V/6400mAh/47.4Wh
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*

Spitz AX / GL-X3000
- Dual SIM card slots, supports global carriers.
- Supports Multi-WAN (Failover and load balancing).

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.

IoT Gateways

GL-S10 / GL-S20 / GL-S200

mudi   **Collie**

SPECIFICATIONS	GL-E750V2	GL-X300B-GPS / GL-X300B-BLE	GL-S10	GL-S20	GL-S200
CPU	Qualcomm, @650MHz	Qualcomm, @650MHz	Espressif, @240MHz	Espressif, Dual-core @240MHz	Qualcomm, @650MHz
Memory	DDR2 128MB	DDR2 128MB	SRAM 520KB + PSRAM 8MB	SRAM 512KB + PSRAM 8MB	DDR2 128MB
Flash	16MB Nor + 128MB Nand	16MB Nor	4MB Nor	16MB Nor	16MB Nor + 128MB Nand
Wireless Protocol	802.11 a/b/g/n/ac	802.11 b/g/n	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
2.4GHz WiFi	300Mbps	300Mbps / 150Mbps	150Mbps	150Mbps	150Mbps
5GHz WiFi	433Mbps	—	—	—	—
Ext. Antenna	0	5 / 3	1	Optional	2
Ethernet Port	1WAN/LAN^	1WAN, 1LAN	1WAN	1WAN	1WAN, 1LAN
Ethernet Speed	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps	10/100Mbps
USB Port	USB 2.0	—	—	—	—
Power Input	5V/2A	12V/1A	5V/1A	5V/1A	5V/2A
Power Consumption	<6W	<4W	<1.5W	<2.6W	<4W
Operating Temperature	0 ~ 35°C (32 ~ 95°F)	-20 ~ 55°C (-4 ~ 131°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 50°C (32 ~ 122°F)	0 ~ 40°C (32 ~ 104°F)
Dimension / Weight	145*77*23mm / 285g	104*113*28mm / 235g	57*57*25mm / 53.6g	75*75*25mm	118*85*30mm / 108g
MicroSD Slot	✔	—	—	—	—
Built-in Nand Flash	✔	*	—	—	✔
Built-in Battery	3.7V/7000mAh/25.9Wh	—	—	—	—
Cellular	4G LTE	4G LTE	—	—	—
Built-in BLE	—	*	BLE 4.2	BLE 5.3	BLE 5.0
Built-in THREAD	—	—	—	✔	✔
Built-in GPS	—	*	—	—	—

^supported with the docking station

GL-S200

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

Collie / GL-X300B

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

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					
	CPU	Siflower, Dual-core @1GHz	Qualcomm, Quad-core @710MHz	Qualcomm, Quad-core @1.2GHz	MediaTek, 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	10/100/1000Mbps	10/100/1000Mbps	10/100/1000Mbps	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	—	—	—	—
	Compatible with M2 Dev Board	—	—	✔	✔

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

Gateway / Home Routers

GL-MT2500 / GL-MT2500A / GL-AX1800 / GL-MT6000

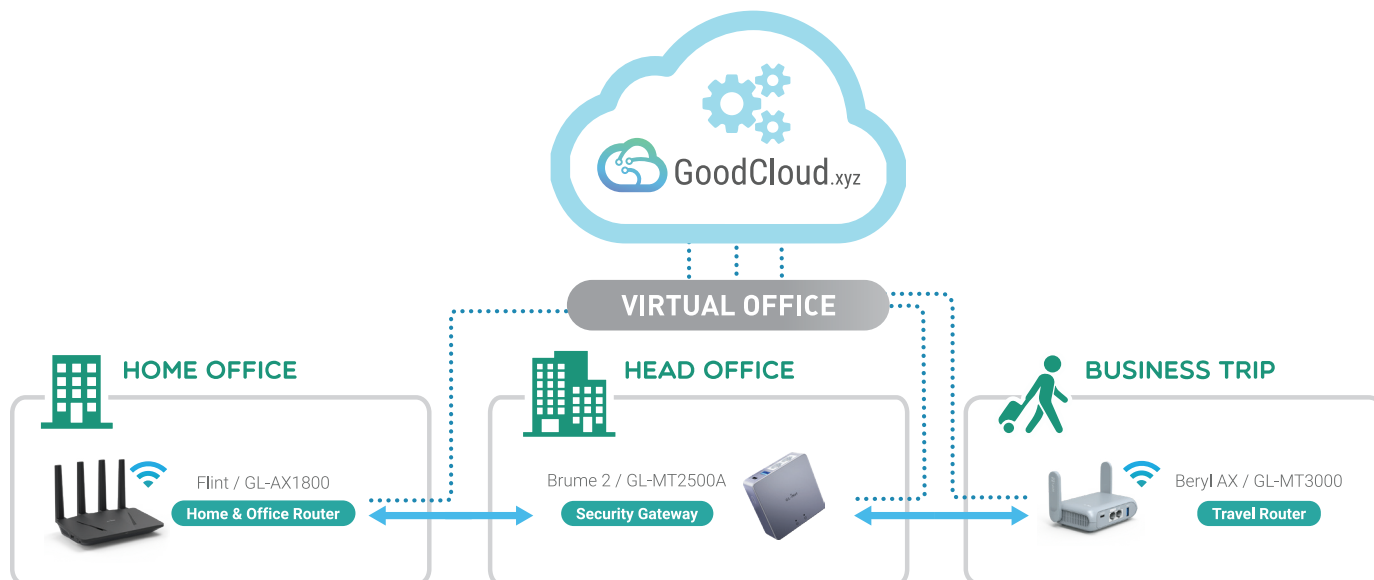| SPECIFICATIONS	MANGO GL-MT300N-V2	SHADOW GL-AR300M Series	BRUME 2 GL-MT2500 / GL-MT2500A	Flint GL-AX1800	Flint 2 GL-MT6000
CPU	MediaTek, @580MHz	Qualcomm, @650MHz	MediaTek, Dual-core @1.3GHz	Qualcomm, Quad-core @1.2GHz	MediaTek, Quad-core @2.0GHz
Memory	DDR2 128MB	DDR2 128MB	DDR4 1GB	DDR3L 512MB	DDR4 1GB
Flash	16MB Nor	16MB Nor	8GB EMMC	128MB Nand	8GB EMMC
Wireless Protocol	802.11 b/g/n	802.11 b/g/n	—	802.11 b/g/n/ac/ax	802.11a/b/g/n/ac/ax
Frequency	2.4GHz	2.4GHz	—	2.4GHz, 5GHz	2.4GHz, 5GHz
2.4GHz WiFi	300Mbps	300Mbps	—	600Mbps	1148Mbps
5GHz WiFi	—	—	—	1200Mbps	4804Mbps
Ext. Antenna	0	Optional	—	4	4
Ethernet Port	1WAN, 1LAN	1WAN, 1LAN	1WAN, 1LAN	1WAN, 4LAN	1WAN, 5LAN
Ethernet Speed	10/100Mbps	10/100Mbps	1x2.5G; 1xGE	10/100/1000Mbps	2x2.5G; 4xGE
USB Port	USB 2.0	USB 2.0	USB 3.0	USB 3.0	USB 3.0
Power Input	5V/2A	5V/2A	5V/2A	12V/1.5A	12V/4A
Power Consumption	<2.75W	<2W	<3.5W	<18W	<20W
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)	0 ~ 40°C (32 ~ 104°F)
Dimension / Weight	58*58*25mm / 40g	58*58*25mm / 40g	70*70*24mm / 60g | 157g	210*120*36.8mm / 445g	233*137*53mm / ~800g
MicroSD Slot	—	—	—	—	—
Built-in Nand Flash	—	—	—	✔	—
Built-in Battery	—	—	—	—	—
Cellular	—	—	—	—	—
Compatible with M2 Dev Board	—	—	✔	✔	—

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.

Mango / GL-MT300N-V2

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

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.

Brand Customization

Enables enterprises to configure their unique branding elements within the GUI. When users access GoodCloud using the custom domain, they will encounter the customized branding information.

Organization Management

Facilitates VARs in establishing and overseeing organizations across multiple levels. User accounts associated with an enterprise are restricted to accessing data solely within that specific enterprise.
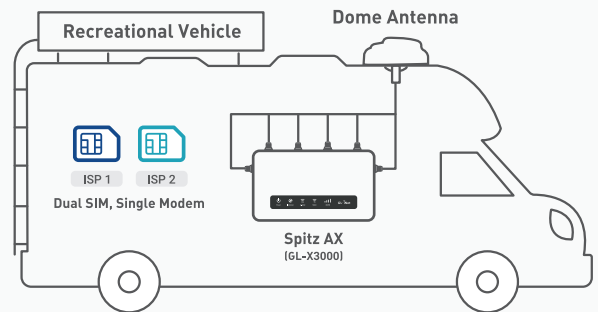
Inventory Management

Allows VAR to deliver and refund the devices from different VAR's customers. GoodCloud also provides a dedicated dashboard for inventory information for each customer of the VAR.

Application Scenarios

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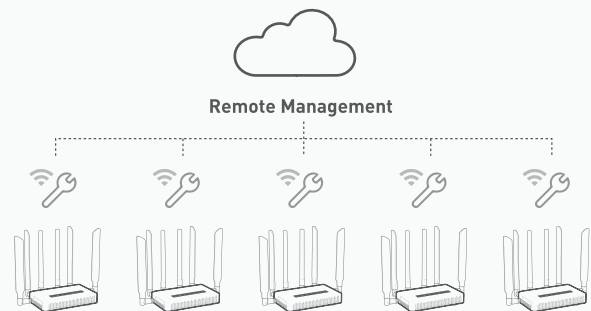
Cellular Connectivity For Recreational Vehicles

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

Recreational Vehicle

Dome Antenna

ISP 1 ISP 2

Dual SIM, Single Modem

Spitz AX
(GL-X3000)

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 manage ment platform.
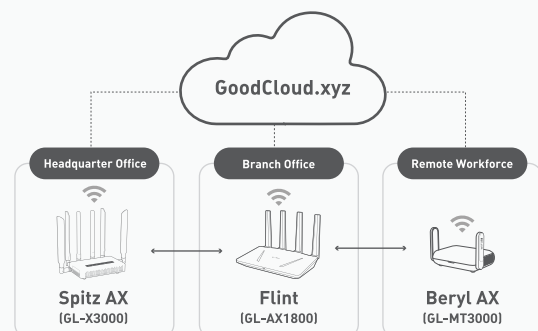

Remote Management

Smart Home THREAD IoT Mesh Network

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

THREAD
Dev Board

GL-S200
THREAD Border Router

THREAD
Topology Interface

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.

GoodCloud.xyz

Headquarter Office   Branch Office   Remote Workforce

Spitz AX
(GL-X3000)

Flint
(GL-AX1800)

Beryl AX
(GL-MT3000)

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 soft ware. 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 monitor ing, 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.