GL·iNet



OPENWRT ROUTERS
FOR ALL PURPOSES

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4G LTE Router and Gateway

GL-XE300 / GL-X750V2 / GL-XD1 / GL-X300B / GL-X1200







SPECIFICATIONS	Puli GL-XE300	Spitz GL-X750V2	4G DTU GL-XD1	Collie GL-X300B	Amarok GL-X1200
CPU	QCA9531, @650MHz SoC	QCA9531, @650MHz SoC	unisoc8910	QCA9531, @650MHz SoC	QCA9563, @775MHz SoC
Memory	DDR2 128MB	DDR2 128MB	2M	DDR2 128MB	DDR2 128MB
Flash	16MB Nor + 128MB Nand	16MB Nor	3M	16MB Nor	16MB Nor + 128MB Nand
Wireless Protocol	802.11 b/g/n	802.11 a/b/g/n/ac	—	802.11 b/g/n	802.11 a/b/g/n/ac
Frequency	2.4GHz	2.4GHz, 5GHz	—	2.4GHz	2.4GHz, 5GHz
Wi-Fi Speed	300Mbps	300Mbps(2.4G) + 433Mbps(5G)	—	150Mbps	300Mbps(2.4G) + 867Mbps(5G)
TX Power	<18dBm	<20dBm	—	<20dBm	<23dBm
Ext. Antenna	Optional	2	1	2 / 3	7
Ethernet Port	1WAN, 1LAN	1WAN, 1LAN	—	1WAN, 1LAN	1WAN, 4LAN
Ethernet Speed	10/100M	10/100M	—	10/100M	10/100/1000M
USB Port	USB 2.0	USB 2.0	—	—	USB 2.0
Power Input	5V/2A	12V/1.5A	DC 9-35V	DC 9-35V	48V/1A
Power Consumption	<5W	<6W	<3W	<5W	<15W
Working Temperature	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	-20 ~ 55°C (-4 ~ 131°F)[&]	-20 ~ 55°C (-4 ~ 131°F)[&]	-20 ~ 55°C (-4 ~ 131°F)[#]
Dimension / Weight	120*74*27 mm / 224g	115*74*22mm / 212g	73*86*27m / 135g	104*113*28mm / 305g	240*145*40mm / 1.1kg
MicroSD Slot	✓	✓	—	—	✓
Built-in Nand Flash	✓	*	—	*	✓
Built-in Battery	✓	—	—	—	—
Built-in 4G Module	✓	✓	✓	✓	✓
Built-in IoT Module	*	*	—	*	—
RS485 Port	—	—	✓	✓	*

[#]It can work under -40~70°C (-40 ~ 158°F) but the performance may be affected.

[&]The included power adapter supports 0~40°C, extending operating temperature to -20-55°C requires a separate suitable power adapter.



Wi-Fi Coverage

GL-SF1200 / GL-B1300 / GL-AP1300 / GL-B2200 / GL-AX1800











	GL-SF1200	GL-B1300	GL-AP1300 / GL-AP1300LTE	GL-B2200	GL-AX1800
CPU	SF19A28, Dual-core, @1GHz	IPQ4028 Quad-core ARM, @717MHz	IPQ4018, Quad-core ARM, @717MHz	IPQ4019, Quad-core ARM, @717MHz	IPQ6000 Quad-Core 64bit A53@1.2GMHz
	DDR2 128MB	DDR3L 256MB	DDR3L 256MB	DDR3L 512MB	DDR3L 512MB
	16MB Nor	32MB Nor	4MB Nor + 128MB Nand	16MB Nor + EMMC 8GB	16MB Nor + EMMC 8GB
	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac/ax
	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz
	300Mbps(2.4G) + 867Mbps(5G)	400Mbps(2.4G) + 867Mbps(5G)	400Mbps(2.4G) + 867Mbps(5G)	400Mbps(2.4G) + 2x867Mbps(5G)	574Mbps(2.4G) + 1201Mbps(5G)
	<20dBm	<20dBm	<20dBm	<20dBm	<20dBm
	4	0	Optional	0	4
	1WAN, 3LAN	1WAN, 2LAN	1WAN, 1LAN	1WAN, 1LAN	1WAN, 4LAN
	10/100/1000M	10/100/1000M	10/100/1000M	10/100/1000M	10/100/1000M
	—	USB 3.0	—	—	USB 3.0
	12V/1A	12V/1.5A	12V/2A	5V/3A	12V/1.5A
	<7.5W	<7W	<10W	<15W	<18W
	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)
	210*145*28mm	117*117*35mm / 212g	200*200*40mm / 692g	151*66.5*190.5mm / 530g	210*120*36.8mm
TF	—	—	—	—	—
NANO	—	—	✓	—	—
	—	—	—	—	—
4G	—	—	*	—	—
M.2	—	—	✓	✓	—
	—	—	—	—	—

Home Mesh and Business AP

- Most compatible mesh solution based on Qualcomm Wi-Fi SON solution
- Easy set-up with mesh button and smartphone APP
- Covering your home with strong signal everywhere
- Cloud-based Wi-Fi coverage solution for businesses
- Backup 4G LTE and BLE/Zigbee module for option (GL-AP1300)
- High-performance Tri-band router with intelligent Mesh technology (GL-B2200)





Travel Router

GL-AR750 / GL-AR750S / GL-E750 / GL-MT1300

Edge Computing

GL-MV1000



CRETA
GL-AR750



SLATE
GL-AR750S



mudi
GL-E750



Beryl
GL-MT1300



BRUME
GL-MV1000

CPU	QCA9531, @650MHz SoC	QCA9563, @775MHz SoC	QCA9531, @650MHz SoC	MT7621A Dual-Core @880MHz	Marvell 88F3720, Dual-Core @1.0GHz
	DDR2 128MB	DDR2 128MB	DDR2 128MB	DDR3L 256MB	DDR4 1GB
	16MB Nor	16MB Nor + 128MB Nand	16MB Nor + 128MB Nand	32MB Nor	16MB Nor + EMMC 8GB
	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11 a/b/g/n/ac	802.11 a/b/g/n/ac	None
	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	None
	300Mbps(2.4G) + 433Mbps(5G)	300Mbps(2.4G) + 433Mbps(5G)	300Mbps(2.4G) + 433Mbps(5G)	400Mbps(2.4G) + 867Mbps(5G)	None
	<20dBm	<20dBm	<20dBm	<20dBm	None
	0	2	0	2	0
	1WAN, 2LAN	1WAN, 2LAN	1WAN/LAN^	1WAN, 2LAN	1WAN, 2LAN
	10/100M	10/100/1000M	10/100M	10/100/1000M	10/100/1000M
	USB 2.0	USB 2.0	USB 2.0	USB 3.0	USB 2.0
	5V/2A	5V/2A	5V/2A	5V/3A	5V/2A
	<4W	<6W	<6W	<7W	<6W
	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 35°C (32 ~ 95°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)
	88*68*24mm / 66g	100*68*24mm / 110g	145*77.5*23.5mm / 285g	105*82*28mm / 182g	88*68*24mm / 105g
TF	✓	✓	✓	✓	✓
NANO	—	✓	✓	—	—
	—	—	✓	—	—
4G	—	—	✓	—	—
5G	—	—	*	—	—
	—	—	—	—	—

^supported with the docking station

mudi / GL-E750

- Built-in battery
- OLED display
- Built-in 4G LTE modem
- Working or playing securely anywhere and anytime



Beryl / GL-MT1300

- Dual-Band Wi-Fi
- Gigabit Ethernet ports
- Travel-Friendly



Travel Router (2.4GHz)

GL-MT300N-V2 / GL-AR300M Series

IoT Gateway

GL-S10 / GL-S1300









SPECIFICATIONS	MANGO GL-MT300N-V2	SHADOW GL-AR300M Series	GL-S10	convexa S GL-S1300
CPU	MTK7628NN, @580MHz SoC	QCA9531, @650MHz SoC	ESP32-D0WD	IPQ4029 Quad-core ARM, @717MHz
Memory	DDR2 128MB	DDR2 128MB	SRAM 520KB + PSRAM 8MB	DDR3L 512MB
Flash	16MB Nor	16MB Nor + 128MB Nand	4MB Nor	16MB Nor + EMMC 8GB
Wireless Protocol	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 a/b/g/n/ac
Frequency	2.4GHz	2.4GHz	2.4GHz	2.4GHz, 5GHz
Wi-Fi Speed	300Mbps	300Mbps	150Mbps	400Mbps(2.4G) + 867Mbps(5G)
TX Power	<20dBm	<20dBm	<17dBm	<20dBm
Ext. Antenna	0	Optional	1	0
Ethernet Port	1WAN, 1LAN	1WAN, 1LAN	1WAN	1WAN, 2LAN
Ethernet Speed	10/100M	10/100M	10/100M	10/100/1000M
USB Port	USB 2.0	USB 2.0	—	USB 3.0
Power Input	5V/1A	5V/1A	5V/1A	12V/1.5A
Power Consumption	<2.75W	<2W	<0.5W	<7W
Working 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	57*57*25mm / 86g	117*117*35mm / 240g
MicroSD Slot	—	—	—	—
Built-in Nand Flash	—	✓	—	—
Built-in Battery	—	—	—	—
Built-in 4G Module	—	—	—	—
Built-in IoT Module	—	—	✓	✓
RS485 Port	—	—	—	—

COMPREHENSIVE SOLUTION FOR OPENWRT BASED WIRELESS PRODUCTS

- Customizable OpenWrt system, with SDK and API
- Free one-page template for web control panel
- OpenVPN and WireGuard pre-installed
- Cloudflare DNS via TLS and DNS HTTPs Proxies installed





IoT Gateway (GL-S10, GL-S1300)

- Connecting BLE, Zigbee devices to the Internet
- Multiple Internet connection failover: Ethernet and Wi-Fi
- Connection to MQTT IoT platform, AWS, Azure
- MQTT Broker, database and dashboard built in the gateway (GL-S1300)