

OPENWRT ROUTERS FOR ALL PURPOSES

GL Technologies (Hong Kong) Limited

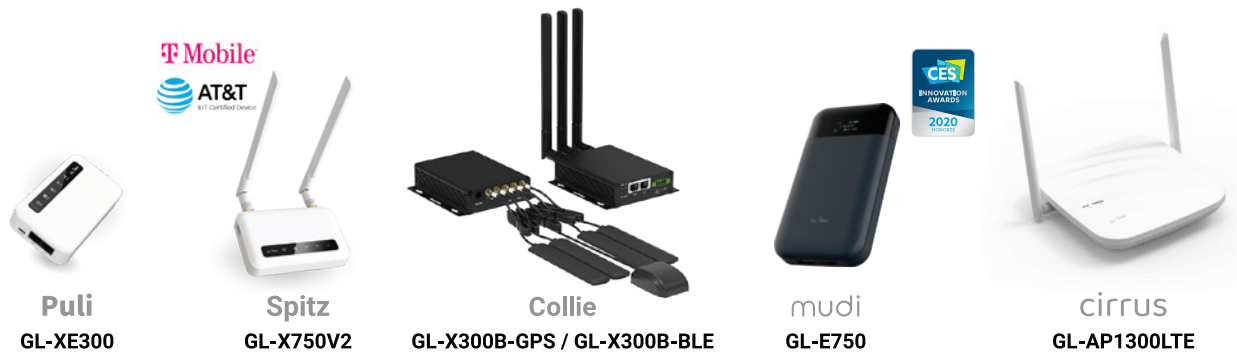
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4G LTE Routers and IoT Gateways

GL-XE300 / GL-X750V2 / GL-X300B / GL-E750 / GL-AP1300LTE



SPECIFICATIONS

	Puli GL-XE300	Spitz GL-X750V2	Collie GL-X300B-GPS / GL-X300B-BLE	mudi GL-E750	cirrus GL-AP1300LTE
CPU	QCA9531, @650MHz	QCA9531, @650MHz	QCA9531, @650MHz	QCA9531, @650MHz	IPQ4018, Quad-core ARM, @717MHz
Memory	DDR2 128MB	DDR2 128MB	DDR2 128MB	DDR2 128MB	DDR3L 256MB
Flash	16MB Nor + 128MB Nand	16MB Nor	16MB Nor	16MB Nor + 128MB Nand	4MB 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	802.11 a/b/g/n/ac
Frequency	2.4GHz	2.4GHz, 5GHz	2.4GHz	2.4GHz, 5GHz	2.4GHz, 5GHz
Wi-Fi Speed	300Mbps	300Mbps(2.4GHz) + 433Mbps(5GHz)	300Mbps / 150Mbps	300Mbps(2.4GHz) + 433Mbps(5GHz)	400Mbps(2.4GHz) + 867Mbps(5GHz)
TX Power	<18dBm	<20dBm	<20dBm	<20dBm	<20dBm
Ext. Antenna	Optional	2	5 / 3	0	2
Ethernet Port	1WAN, 1LAN	1WAN, 1LAN	1WAN, 1LAN	1WAN/LAN^	1WAN, 1LAN
Ethernet Speed	10/100M	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	5V/2A	12V/2A
Power Consumption	<5W	<6W	<4W	<6W	<10W
Operating Temperature	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	-20 ~ 55°C (-4 ~ 131°F)	0 ~ 35°C (32 ~ 95°F)	-10 ~ 40°C (14 ~ 104°F)
Dimension / Weight	120*74*27 mm / 224g	115*74*22mm / 212g	104*113*28mm / 235g	145*77.5*23.5mm / 285g	200*200*40mm / 692g
MicroSD Slot	✓	✓	—	✓	—
Built-in Nand Flash	✓	*	*	✓	✓
Built-in Battery	✓	—	—	✓	—
Built-in 4G Module	CAT 4 / CAT 6	CAT 4 / CAT 6	CAT 4	CAT 4 / CAT 6	CAT 4 / CAT 6
Built-in BLE Module	*	*	*	*	✓

* Optional features / OEM possible

^ supported with the docking station

Cirrus / GL-AP1300LTE

- Provides a stable 4G network connection in remote areas
- Interchangeable components tailored for institutions and RV users



Puli / GL-XE300

- Reliable 4G LTE gateways in portable size and long battery life
- Built-in large SD card storage for data backup



Home Routers

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



GL-SF1200

GL-AP1300

**convexa^B
GL-B1300**

**Velica
GL-B2200**

**Flint
GL-AX1800**

	SF19A28, Dual-core, @1GHz	IPQ4018, Quad-core ARM, @717MHz	IPQ4028 Quad-core ARM, @717MHz	IPQ4019, Quad-core ARM, @717MHz	IPQ6000 Quad-Core 64bit A53@1.2GHz
	DDR2 128MB	DDR3L 256MB	DDR3L 256MB	DDR3L 512MB	DDR3L 512MB
	16MB Nor	4MB Nor + 128MB Nand	32MB Nor	16MB Nor + EMMC 8GB	128MB Nand
	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 b/g/n/ac/ax
	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz
	300Mbps(2.4GHz) + 867Mbps(5GHz)	400Mbps(2.4GHz) + 867Mbps(5GHz)	400Mbps(2.4GHz) + 867Mbps(5GHz)	400Mbps(2.4G) + 2x867Mbps(5G)	600Mbps(2.4GHz) + 1200Mbps(5GHz)
	<20dBm	<20dBm	<20dBm	<20dBm	<20dBm
	4	0	0	0	4
	1WAN, 3LAN	1WAN, 1LAN	1WAN, 2LAN	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/2A	12V/1.5A	5V/3A	12V/1.5A
	<7.5W	<10W	<7W	<12W	<18W
	0 ~ 40°C (32 ~ 104°F)	-10 ~ 40°C (14 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)	0 ~ 40°C (32 ~ 104°F)
	210*145*28mm / 285g	200*200*40mm / 692g	117*117*35mm / 212g	151*66.5*190.5mm / 530g	210*120*36.8mm / 445g
	—	—	—	—	—
	—	✓	—	—	✓
	—	—	—	—	—
	—	—	—	—	—
	—	✓	—	✓	—

Velica / GL-B2200

- Powerful mesh solution based on Qualcomm Wi-Fi SON
- Convenient installation using dedicated smartphone app
- Cloud-based Wi-Fi management solution for businesses
- High-performance Tri-band router with strong signals and wide coverage



Flint / GL-AX1800

- Connects with up to 120 devices simultaneously, perfect for demanding home/enterprise applications
- Impressive VPN Speed and multiple layers of security



Travel Routers

GL-AR750S / GL-SFT1200 / GL-MT1300 / GL-A1300 / GL-AXT1800



SLATE
GL-AR750S



Opal
GL-SFT1200



Beryl
GL-MT1300



Slate Plus
GL-A1300



Slate AX
GL-AXT1800

	QCA9563, @775MHz	SF19A28, Dual-Core @1GHz	MT7621A Dual-Core @880MHz	IPQ4018, Quad Core@710MHz	IPQ6000 1.2GHz Quad-core
	DDR2 128MB	DDR3 128MB	DDR3L 256MB	DDR3L 256MB	DDR3L 512MB
	16MB Nor + 128MB Nand	128MB SPI Nand	32MB Nor	4MB Nor + 128MB Nand	128MB Nand
	802.11a/b/g/n/ac	802.11a/b/g/n/ac	802.11 a/b/g/n/ac	802.11a/b/g/n/ac	802.11a/b/g/n/ac/ax
	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz	2.4GHz, 5GHz
	300Mbps(2.4GHz) + 433Mbps(5GHz)	300Mbps(2.4GHz) + 867Mbps(5GHz)	400Mbps(2.4GHz) + 867Mbps(5GHz)	400Mbps(2.4GHz) + 867Mbps(5GHz)	600Mbps(2.4GHz) + 1200Mbps(5GHz)
	<20dBm	<20dBm	<20dBm	<20dBm	<20dBm
	2	2	2	2	2
	1WAN, 2LAN	1WAN, 2LAN	1WAN, 2LAN	1WAN, 2LAN	1WAN, 2LAN
	10/100/1000M	10/100/1000M	10/100/1000M	10/100/1000M	10/100/1000M
	USB 2.0	USB 2.0	USB 3.0	USB 3.0	USB 3.0
	5V/2A	5V/3A	5V/3A	5V/3A	5V/4A
	<6W	<6W	<6.5W	<6.5W	<8.75W
	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)
	100*68*24mm / 110g	118*85*30mm / 145g	118*85*30mm / 184g	118*85*30mm	125*82*36mm / 245g
	✓	—	✓	—	✓
	✓	✓	—	✓	✓
	—	—	—	—	—
	—	—	—	—	—
	—	—	—	—	—

Beryl / GL-MT1300

- Efficiently designed pocket-size router with advanced CPU and USB 3.0 port
- Supports IPv6 and over 30 VPN service providers for advance security protection

Slate AX / GL-AXT1800

- Highly secured travel router that provides powerful Wi-Fi 6 network connection
- Fast VPN speed; encrypts all devices connected to Slate AX's network



Travel Routers (2.4GHz)

GL-MT300N-V2 / GL-AR300M Series

IoT Gateways

GL-S10 / GL-S200



MANGO
GL-MT300N-V2



SHADOW
GL-AR300M Series



GL-S10



GL-S200

COMING SOON

SPECIFICATIONS

	GL-MT300N-V2	GL-AR300M Series	GL-S10	GL-S200
CPU	MTK7628NN, @580MHz	QCA9531, @650MHz	ESP32-D0WD	QCA9531, @650MHz
Memory	DDR2 128MB	DDR2 128MB	SRAM 520KB + PSRAM 8MB	DDR2 128MB
Flash	16MB Nor	16MB Nor + 128MB Nand	4MB Nor	128MB Nand
Wireless Protocol	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n	802.11 b/g/n
Frequency	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Wi-Fi Speed	300Mbps	300Mbps	150Mbps	150Mbps
TX Power	<20dBm	<20dBm	<17dBm	<17dBm
Ext. Antenna	0	Optional	1	2
Ethernet Port	1WAN, 1LAN	1WAN, 1LAN	1WAN	1WAN, 1LAN
Ethernet Speed	10/100M	10/100M	10/100M	10/100M
USB Port	USB 2.0	USB 2.0	—	—
Power Input	5V/1A	5V/1A	5V/1A	5V/2A
Power Consumption	<2.75W	<2W	<1.5W	<4W
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 / 53.6g	118*85*30mm
MicroSD Slot	—	—	—	—
Built-in Nand Flash	—	✓	—	✓
Built-in Battery	—	—	—	—
Built-in Thread	—	—	—	✓
Built-in BLE Module	—	—	✓	✓

Mango / GL-MT300N-V2

- Our best selling mini router; compactly designed with powerful features
- Ideal for DIY project and mass deployment



GL-S10

- ESP32-powered gateway featuring real-time BLE scanning
- Facilitate communication between beacons and servers
- Act as either Master or Slave to connect with other BLE devices
- Supports GAP and GATT certification