Manuals+ — User Manuals Simplified.

GL·iNet

**GL-MT6000
High
Performance
VPN Router**

GL iNet GL-MT6000 High Performance VPN Router User Guide

Contents

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GL iNet GL-MT6000 High Performance VPN Router

Elevating Your Internet Experience

A leap in Speed, Capacity, and Stability

Large Storage

- Higher storage capacity satisfies stable online connections for over a hundred devices and meets the needs of DIY users for installing more plugins.

Powerful CPU

- Quad-Core 2GHz Processor comes with powerful CPU processing capability that enhances overall product stability and provides even better performance.
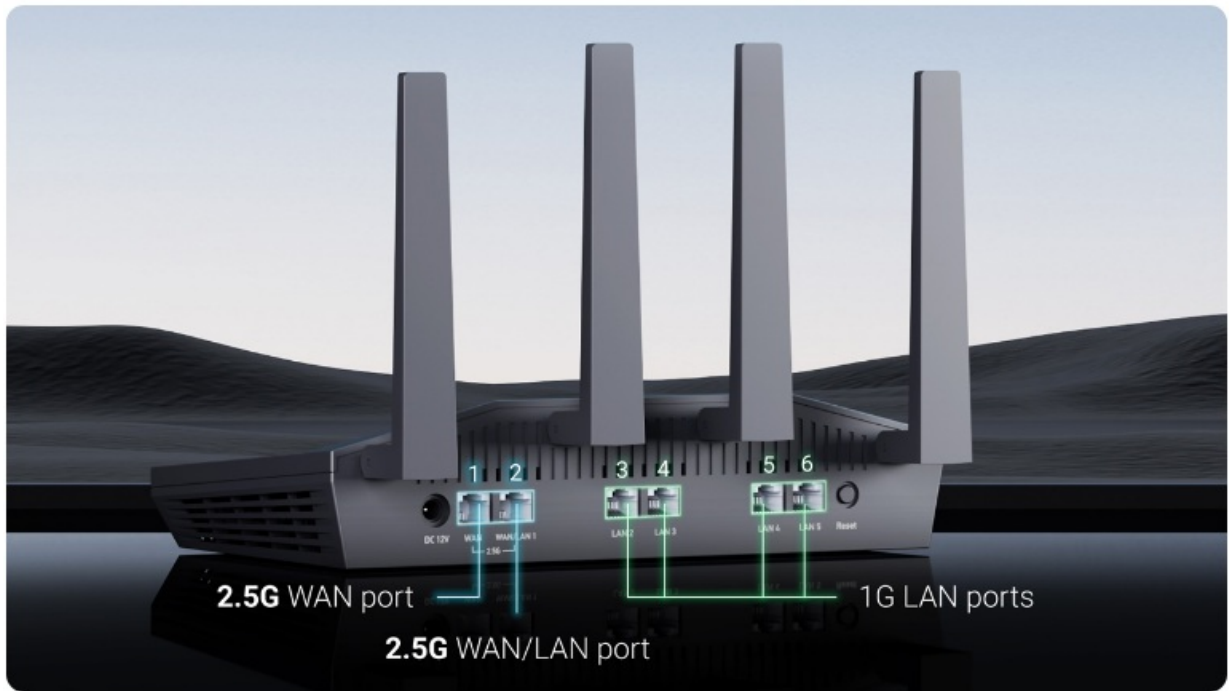
Extended Coverage

- Equipped with 8 high-power FEMs, expanding WIFI coverage range, meeting WIFI coverage requirements for medium-sized homes, ensuring strong signals throughout the house.

Elevate your network with 2.5G Ethernet ports

- Enjoy lightning-fast 2.5G internal network transfer speeds for all your devices, whether it's a computer, NAS, or more. Embrace the future of connectivity with our innovative solution!

2.5G WAN port
2.5G WAN/LAN port
1G LAN ports

Turbocharge Your Internet with Wi-Fi 6

- Up to 8 channels of WIFI spatial streams, Flint 2 is capable of supporting simultaneous transmission of high-definition and ultra-high-definition videos for multiple devices. It also maintains backward compatibility with 802.11AC and earlier WIFI standards.

Dominate with Uninterrupted Performance

- Equipped with 8-Stream Wi-Fi 6 technology, the Flint 2 delivers blazing speeds, ensuring a stable and high-speed connection even during intense multiplayer battles.

Keep the Family Protected

- Are too much screen time and exposure to inappropriate content your top concerns as a parent? In collaboration with Bark (an award-winning child-monitoring tool), Flint 2 offers parental controls* built into the router.
- In a few clicks, you can filter out certain websites and content categories, enable safe search on your child's search engine, and manage their usage effortlessly.

DFS Certification in the US, CA, EU, and UK

- Flint 2 is approved to use DFS (Dynamic Frequency Selection), letting the router's 5GHz network use additional frequencies normally reserved by military, satellite, and weather radar applications. The selection of additional channels can lower network congestion under high-density network environments.

Protected by Multiple Layers of Security

- **WPA3 protocol**
  - The latest Wi-Fi security protocol with extensive improvements including preventive measures against password brute-force attacks, user-to-user snooping, and individualized encryption in public Wi-Fi networks.

- **DNS over HTTPS & DNS over TLS**
  - Protecting domain name system traffic and preventing data eavesdropping from malicious parties, advertising platforms, and ISPs by encrypting plaintext DNS traffic using HTTPS and TLS protocols.

- **AdGuard Home**
  - Using a DNS server for blocking unwanted tracking and includes a user-friendly web interface to filter selected digital advertisements.

Model Comparison

Flint / GL-AX1800
Wi-Fi 6 Home Router

VS

Flint 2 / GL-MT6000
Wi-Fi 6 AX6000 Home Router

Qualcomm Quad-core, @1.2GHz	**CPU**	MediaTek Quad-core, @2.0GHz
DDR3L 512MB / NAND Flash 128MB	**Memory** / **Storage**	DDR4 1GB / eMMC 8GB
600Mbps (2.4GHz), 1200Mbps(5GHz)	**Wi-Fi Speed**	1148Mbps (2.4GHz), 4804Mbps (5GHz)
10/100/1000Mbps	**Ethernet Speed**	2 x 2.5G Ports; 4 x 1G Ports
1 x WAN, 4 x LAN	**Ethernet Ports**	1 x WAN (2.5G), 1 x WAN/LAN (2.5G), 4 x LAN
Max.112Mbps	**OpenVPN (Via Ethernet)**	Max.190Mbps
Max. 500Mbps	**WireGuard® (Via Ethernet)**	Max. 900Mbps
210 x 120 x 36.8mm / 445g	**Dimension** / **Weight**	233 x 137 x 53 mm / 761g

- *Tests conducted on a Local Network. Real-world speeds may differ depending on your network configuration.*
- *OpenVPN and WireGuard speeds will be slower when running the device as a server. The results above are in client mode.*
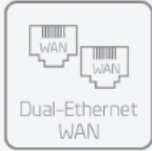
Product Reviews from Youtubers

https://youtu.be/dKrUehjd7l8

FEATURES

Wi-Fi 6
AX6000

2.5G
Multi-Gig port

Multi-WAN

Dual-Ethernet
WAN

OpenWrt
Pre-installed

VPN Client /
Server

AdGuard
Home

DFS

Specification

Interface	6 x Ethernet ports (WAN/LAN) 1 x USB 3.0 port 1 x Reset button
CPU	MediaTek Quad-core, @2.0 GHz
Memory / Storage	DDR4 1GB / eMMC 8GB
Protocol	IEEE 802.11a/b/g/n/ac/ax
Wi-Fi Speed	1148Mbps (2.4GHz), 4804Mbps (5GHz)
Ethernet Speed	2 x 2.5G Ports (10/100/1000/2500Mbps) 4 x 1G Ports (10/100/1000Mbps)
Antennas	4 x 2.4GHz + 5GHz two-in-one Wi-Fi Antennas
LEDs	1 x dual color LED indicator for Power and Internet
Power Input	DC5521, 12V/4A (5.5*2.1mm)
Power Consumption	<20W
Operating Temperature	0 ~ 40°C (32 ~ 104°F)
Storage Temperature	-20 ~ 70°C (-4 ~ 158°F)
Dimension / Weight	233 x 137 x 53mm / 761g

Documents / Resources

Let's get started GL-iNet GL-MT6000 / Flint 2 AX6000 Wireless Router	**GL iNet GL-MT6000 High Performance VPN Router** [pdf] User Guide GL-MT6000 High Performance VPN Router, GL-MT6000, High Performance VPN Router, Performance VPN Router, VPN Router

References

- **User Manual**

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