

GL.iNet Flint Router



Model: GL-AX1800

Manufacturer: GL.INET

EAN: 6971131382362

Product Code: 945386

R3,698

GL.iNet Flint Router (GL-AX1800)

The GL.iNet Flint (GL-AX1800) is a high-performance Wi-Fi 6 router designed for demanding home users, gamers, and small businesses. It offers a total wireless throughput of up to 1,800 Mbps, reaching speeds of up to 600 Mbps on the 2.4 GHz band and 1,200 Mbps on the 5 GHz band. Thanks to its 1.2 GHz quad-core IPQ6000 processor, 1.5 GHz NPU, 512 MB of RAM, and five Gigabit Ethernet ports, the router ensures stable performance even under heavy network load. With support for VPN, WPA3, IPv6, and AdGuard Home, the Flint combines high performance with advanced privacy protection.

Wi-Fi 6 for smooth performance, entertainment, and gaming

The router uses Wi-Fi 6 (802.11ax) technology, which increases data transfer speeds and improves support for multiple devices simultaneously. Thanks to OFDMA and MU-MIMO technologies, Flint effectively reduces latency, improves bandwidth utilization, and ensures a stable connection even during heavy network use. It's the perfect choice for online gaming, 4K video streaming, video

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conferencing, and everyday work with multiple devices connected at the same time.

Supports over 100 devices

The router is designed to support up to 120 devices simultaneously. This makes it ideal not only for home use but also for offices, where computers, smartphones, tablets, and other devices share a single network. Stable data transmission allows for smooth online meetings, transferring large files, and using cloud services without interruptions.

Advanced Data Protection and Fast VPN

The router supports over 30 VPN services and is compatible with the OpenVPN and WireGuard® protocols. Once the VPN is activated, all network traffic is automatically encrypted, enhancing security while working remotely and using the Internet. The model also allows you to set up your own VPN server, enabling secure access to files and network resources from anywhere. Additionally, the device supports WPA3 and IPv6 standards, ensuring a modern level of network protection.

AdGuard Home and DNS Encryption for Greater Privacy

Built-in support for AdGuard Home allows you to block ads, trackers, and selected content directly at the router level. Protection covers all devices connected to the network, without the need to install additional software. The router also supports Cloudflare DNS over TLS, which encrypts DNS queries and helps protect user activity from eavesdropping and data interception attempts.

Powerful Hardware and Extensive Expansion Capabilities

Smooth performance is ensured by a 1.2 GHz Qualcomm IPQ6000 quad-core processor supported by a 1.5 GHz NPU. The router is equipped with 512 MB of DDR3L memory, 128 MB of NAND Flash memory, a USB 3.0 port, and five Gigabit Ethernet ports, including one WAN and four LAN ports. The OpenWrt system provides full administrative access and allows you to install additional applications and create your own network configurations.

A stable network today and expandability for the future

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Flint is compatible with the GL-M2 Development Board, which functions as a 5G modem with a SIM slot. This allows you to use mobile internet in locations without traditional network access. Thanks to support for Multi-WAN, failover, and load balancing, it is possible to maintain a stable connection even under demanding conditions.

Included in the package

- Flint Router (GL-AX1800)
- 12V/1.5A power adapter
- Ethernet cable
- User manual

Manufacturer	GL.iNet
Model	GL-AX1800 Flint
Wi-Fi	Wi-Fi 6
Supported Standards	IEEE 802.11a/b/g/n/ac/ax
Processor	IPQ6000, 4-core Arm, 1.2 GHz
NPU	1.5 GHz
RAM	512 MB DDR3L
Flash Memory	128 MB NAND Flash
Total Wi-Fi Throughput	1,800 Mb/s
2.4 GHz Speed	600 Mb/s
5 GHz Speed	1,200 Mb/s
Operating Bands	2.4 GHz and 5 GHz
Supported Protocols	IPv4, IPv6
Wi-Fi Security	WPA2-PSK, WPA3-SAE
VPN	OpenVPN, WireGuard®
WAN Port	1 × Gigabit Ethernet
LAN Ports	4 × Gigabit Ethernet

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USB Port	1 × USB 3.0 Type-A
Sync button	Yes
Reset button	Yes
LED	1 × Power / Internet
Antennas	4 × external antennas
Power supply	DC5521, 12 V / 1.5 A (5.5 × 2.1 mm)
Power Consumption	18 W
Operating System	OpenWrt
Operating Temperature	0°C to 40°C
Storage Temperature	-20°C to 65°C
Dimensions	210 × 120 × 36.8 mm
Weight	445 g

Gross weight: 840, Net weight: 370, Box length: 23,50, Box width: 20,00, Box height: 7,50, GPSR
 Link: https://psr.innpro.pl/it_accessories/sg_it_accessories_network_devices.pdf, Informacje o
 gromadzeniu danych: <https://dataact.innpro.pl/GL.iNet/6971131382362>, PPWR:
<https://ppwr.innpro.pl/gl.inet>

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