

# Datasheet (GL-MT5000)

## Brume 3 High-speed VPN Security Gateway



Brume 3 (GL-MT5000) is a compact, high-performance wired security gateway that brings select enterprise-grade software capabilities into an affordable solution for home users and small businesses. It delivers advanced VPN functionality with speeds of up to 1,100 Mbps, enabling high-level encrypted connectivity for secure remote access and everyday network protection. Equipped with three 2.5GbE ports and flexible multi-WAN configuration, Brume 3 ensures fast, reliable wired networking. Housed in a modern, space-saving design with convenient Type-C power input, it offers a balanced combination of performance, security, and versatility.

## Highlights

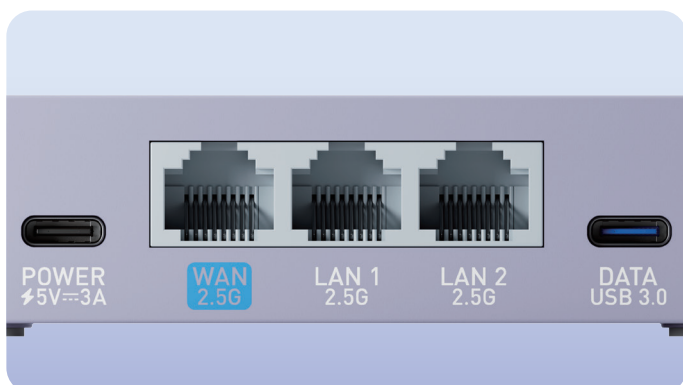
### High-speed VPN & Traffic Obfuscation

Brume 3 integrates advanced VPN technologies, delivering speeds of up to 1,100 Mbps with WireGuard® and 1,000 Mbps with OpenVPN (via Data Channel Offload), ensuring fast and efficient encrypted connections. Built-in VPN traffic obfuscation masks VPN data to help bypass restrictive networks and reduce traffic identification, ensuring reliable connectivity and enhanced privacy.



### Multi-gigabit Wired Connectivity

Brume 3 features three 2.5GbE ports designed for high-speed wired networking and multi-WAN deployment. The first LAN port can be configured as WAN or LAN, enabling support for dual-WAN load balancing and failover to improve network reliability. This design provides an optimal balance between performance, flexibility, and efficient multi-gigabit networking.



## Intelligent Traffic Visibility via DPI

Brume 3's built-in Deep Packet Inspection (DPI) provides clear visibility into network traffic through an intuitive visual dashboard. Users can monitor traffic in real time and review historical data for up to 7 days, with flexible views of 1 hour, 1 day, or the full period. Application-level traffic analysis reveals how bandwidth is distributed across devices and applications, making it easy to identify high-usage or abnormal activity and manage network resources more effectively.

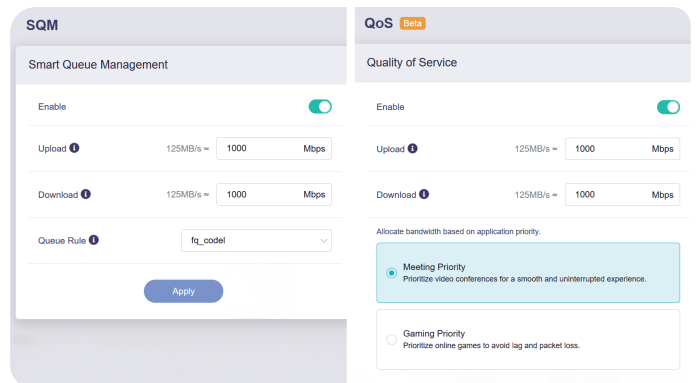


## DPI-based Content Protection

Leveraging DPI-based traffic recognition, Brume 3 automatically identifies and blocks malicious or inappropriate websites to help maintain a secure network environment. Support for custom blocking rules by application, domain, or IP allows administrators to quickly restrict unsafe or non-compliant content with a single action, ensuring safer and more controlled internet access for homes and small businesses.

## Smart Traffic Control (SQM & QoS)

Brume 3 leverages DPI to enable Smart Queue Management (SQM), reducing bufferbloat and maintaining low latency during network congestion. Basic SQM controls, including global enable/disable and queue method selection, help balance latency sensitivity and throughput. Alternatively, dynamic Quality of Service (QoS) can be enabled to prioritize latency-sensitive traffic such as video conferencing and online gaming under heavy network load.



## Intuitive UI & OpenWrt Flexibility

Brume 3 runs on a customized OpenWrt system with a clean, intuitive web interface designed to simplify VPN configuration and traffic management for everyday users. Common networking and security functions are clearly organized for easy operation, reducing the learning curve for first-time gateway users. For advanced users, full OpenWrt compatibility enables access to open-source packages and custom scripts, providing deep flexibility and long-term extensibility.



## Sleek, Compact Design for Any Space

Brume 3 pairs a compact form factor with powerful functionality, delivering advanced gateway capabilities in a remarkably small footprint. Finished in a soft light purple, it stands apart from traditional black networking devices while maintaining a clean, professional appearance. Its space-efficient design allows for flexible placement in wiring cabinets or on desktops, integrating seamlessly into modern home and office environments.

# Specifications

## HARDWARE

<b>CPU</b>	MediaTek, Quad-core @2.0GHz
<b>Memory / Storage</b>	DDR4 1GB / 8GB eMMC
<b>Ethernet Speed</b>	WAN/LAN Port: 100/1000/2500Mbps
<b>Power Consumption</b>	<5W
<b>Dimension / Weight</b>	75 x 92 x 25mm / 148g

## SOFTWARE FEATURES

<b>Operating System</b>	OpenWrt 21.02 (Kernel version 5.4.281)
<b>Network Mode</b>	Routing
<b>Ethernet Dialing Mode</b>	DHCP, Static, PPPoE
<b>Firewall Function</b>	Port Forwarding Port Management (Open Port) DMZ
<b>VPN</b>	OpenVPN (Client & Server, up to 1,000Mbps, DCO supported) WireGuard (Client & Server, up to 1,100Mbps)

<b>System Function</b>	<ul style="list-style-type: none"> <li>Restart</li> <li>Restore Factory Settings</li> <li>VPN Obfuscation</li> <li>Content Protection (DPI)</li> <li>Data Statistics (DPI)</li> <li>SQM</li> <li>QoS</li> <li>Multi-WAN, Load-balancing, Failover</li> <li>Cloud Remote Management</li> </ul>
------------------------	---

## INTERFACE

<b>Ethernet Port</b>	1 x 2.5G WAN, 1 x 2.5G WAN/LAN, 1 x 2.5G LAN
<b>USB Port</b>	1 x USB3.0 Type-C (Max. output: 5V/2A)
<b>LED Indicator</b>	<ul style="list-style-type: none"> <li>1 x System LED (White / Blue)</li> <li>1 x VPN Status LED (White)</li> </ul>
<b>Reset Button</b>	<ul style="list-style-type: none"> <li>1 x Reset Button</li> <li>(Press (&gt;3s, &lt;8s) to restore network settings to device initial state; long press (&gt;=8s) to restore factory settings)</li> </ul>
<b>Power Port</b>	1 x USB Type-C (Power input: 5V/3A)

## CERTIFICATION

<ul style="list-style-type: none"> <li>• CE</li> <li>• UKCA</li> <li>• RoHS</li> <li>• WEEE</li> <li>• FCC</li> <li>• CA65</li> </ul>	<ul style="list-style-type: none"> <li>• IC</li> <li>• RCM</li> <li>• VCCI</li> </ul>
---	---

## ENVIRONMENT

<b>Operating Temperature</b>	0 ~ 40°C (32 ~ 104°F)
<b>Storage Temperature</b>	-20 ~ 70°C (-4 ~ 158°F)
<b>Operating Humidity</b>	5% ~ 95%, non-condensing
<b>Storage Humidity</b>	5% ~ 95%, non-condensing

## PACKAGE CONTENTS

- 1 x Brume 3 (GL-MT5000) Gateway
- 1 x Power Adapter
- 1 x Ethernet Cable
- 1 x User Manual
- 1 x Warranty Card

## CONTACT US

### GL TECHNOLOGIES (HONG KONG) LIMITED

Unit 601, Building 5W, Hong Kong Science Park, Shatin, N.T., Hong Kong

**WEBSITE** [www.gl-inet.com](http://www.gl-inet.com) | **E-MAIL** [sales@gl-inet.com](mailto:sales@gl-inet.com)