

Datasheet (GL-MT2500/GL-MT2500A)

Meet Brume 2

- Security Gateway for Remote Access



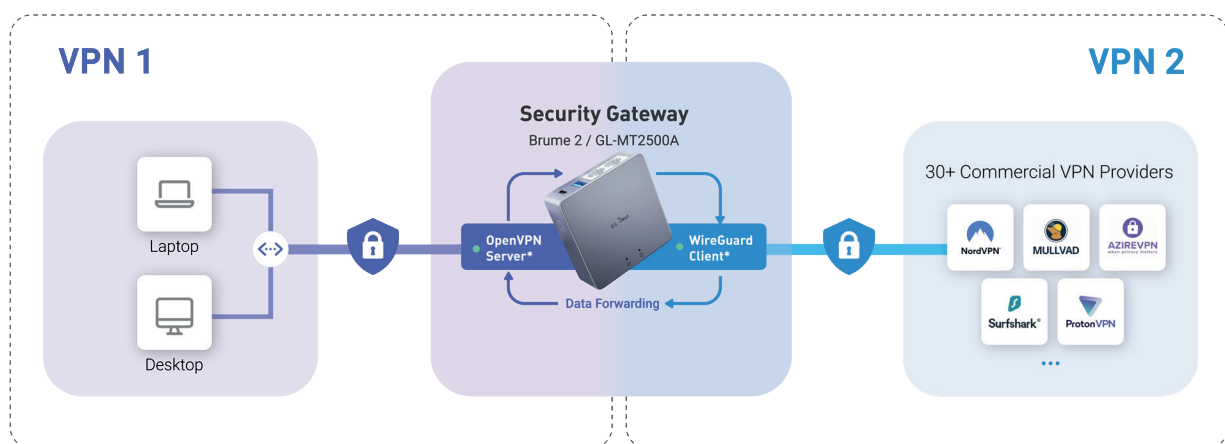
Brume 2 (GL-MT2500/GL-MT2500A) is a lightweight and compact security gateway designed for hosting VPN servers. It is an ideal gateway for businesses to monitor, manage, and configure SD-WAN settings via GoodCloud, our remote device management platform, resulting in faster network performance, higher network efficiency, and reduced cost for small and medium-sized enterprises.

Brume 2 is the advanced version of Brume (GL-MV1000). It comes in two versions: GL-MT2500A which has an aluminum alloy exterior, and GL-MT2500 which is made of ABS material. The device comes with a powerful chipset with higher processing efficiency than the previous generation, an upgrade in VPN encryption speed, and an updated SDK4.0 package.

Highlights

VPN Cascading

Brume 2 is pre-installed with OpenVPN and WireGuard®, it supports running VPN server and client at the same time within the same device, enabling users to remote access local network resources like Wi-Fi printers or local web servers, and accessing the public internet as a VPN client at the same time.



*OpenVPN or WireGuard

SD-WAN as a Service

Brume 2 provides a simple SD-WAN (Software-defined WAN) solution using our device management platform - GoodCloud S2S (Site-to-Site), enabling high network performance and efficiency while maintaining the same level of security, elasticity, and automation.



High-speed VPN

Brume 2 supports 30+ VPN services, it can run OpenVPN at 150Mbps and WireGuard® at 355Mbps.

WireGuard

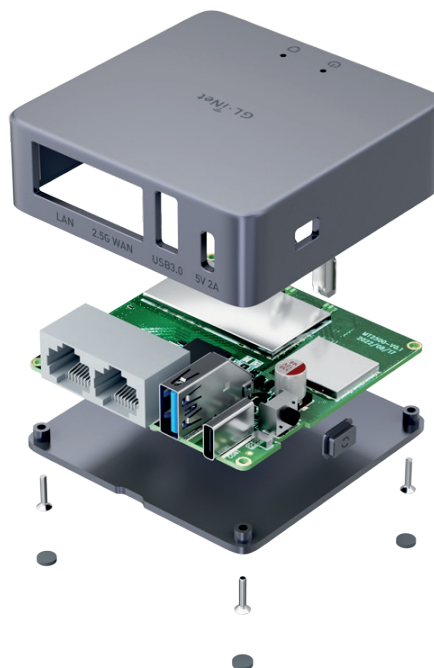
Max. 355Mbps

OpenVPN

Max. 150Mbps

Secured Network

Brume 2 runs on WPA3 security protocol, it supports VPN remote access to client devices using GoodCloud. The network runs on the latest version of Internet Protocol IPv6, and it also supports Cloudflare DNS over TLS security protocol, ensuring a secure network.



Specifications

HARDWARE	GL-MT2500	GL-MT2500A
CPU	MediaTek MT7981B Dual-core, @1.3GHz	
Memory / Storage	DDR4 1GB / EMMC 8GB	
Ethernet Speed	WAN Port: 10/100/1000/2500Mbps LAN Port: 10/100/1000 Mbps	
Power Consumption	<2.6W	
Exterior Material	ABS Plastic	Aluminum Alloy Exterior
Dimension / Weight	70 x 70 x 22 mm / 60g	70 x 70 x 22 mm / 157g

SOFTWARE FEATURES	GL-MT2500	GL-MT2500A
Operating System	OpenWrt version 21.02	
Network mode	Routing, AP	
Ethernet Dialing Mode	DHCP, Static, PPPoE	
Firewall Function	Port forwarding, open port, DMZ	
VPN	OpenVPN client & server WireGuard client & server Maximum OpenVPN Speed: 150Mbps Maximum WireGuard Speed: 355Mbps	

System Function	Restart Restore factory settings Change IP address range on LAN side Change time zone MAC address clone Encrypted DNS DDNS Cloud remote management Remote web management Remote SSH management Installing / uninstalling packages Overview Drop-in Gateway mode Multi-WAN
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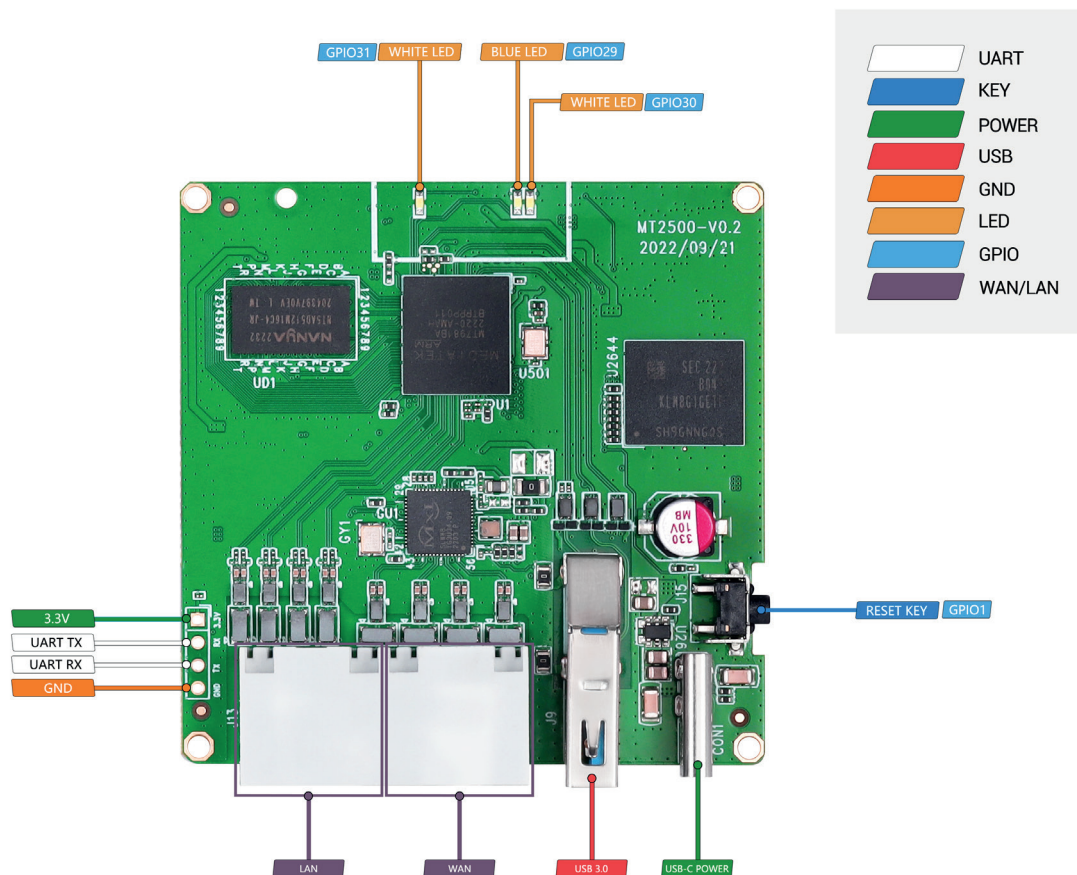
INTERFACE	GL-MT2500	GL-MT2500A
Ethernet Port	1 x WAN, 1 x LAN	
USB Port	USB3.0 Type-A	
LED Indicator	Power, VPN	
Reset Button	Press (>3s, <8s) restores network settings to device initial state Long press (>=8s) restores factory settings	
Power Port	USB Type-C interface, 5V/2A power supply	

CERTIFICATION	GL-MT2500	GL-MT2500A
	<ul style="list-style-type: none">• CE• WEEE• IC• CP65	<ul style="list-style-type: none">• FCC• RoHs• UKCA

ENVIRONMENT	GL-MT2500	GL-MT2500A
Operating Temperature	0 ~ 40°C (32 ~ 104°F)	
Storage Temperature	-20 ~ 70°C (-4 ~ 158°F)	
Operating Humidity	5%~95%, non-condensing	
Storage Humidity	5%~95%, non-condensing	

PACKAGE LIST	GL-MT2500	GL-MT2500A
	1 x Brume 2 (GL-MT2500) Gateway / 1 x Brume 2 (GL-MT2500A) Gateway 1 x Power Adapter 1 x Ethernet Cable 1 x Warranty Card 1 x User Manual	

PINOUT



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

E-MAIL sales@gl-inet.com