

Datasheet (GL-MT6000)

Fortify

High-Performance Wi-Fi 6 Router with ExpressVPN Built-in

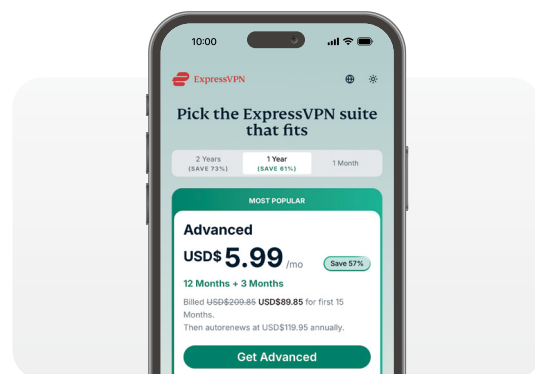


Developed by GL.iNet in collaboration with ExpressVPN, Fortify (GL-MT6000) is an AX6000 Wi-Fi 6 router designed to bring ExpressVPN protection across your entire home network. It delivers wireless speeds of up to 1,148 Mbps on the 2.4 GHz band and up to 4,804 Mbps on the 5 GHz band. By combining an integrated ExpressVPN experience with GL.iNet's advanced networking capabilities, Fortify provides fast and reliable connectivity for streaming, gaming, remote work, smart home devices, and everyday browsing.

Highlights

Integrated ExpressVPN Experience

Fortify features a dedicated ExpressVPN interface and includes a 12-month ExpressVPN Advanced plan. The integrated interface allows users to activate, configure, and manage ExpressVPN directly from the router. Once connected, Fortify can extend VPN protection to devices across your home network, including devices that do not support the installation of standalone VPN apps.



Fast VPN Performance for Everyday Use

Fortify supports high-speed VPN routing, delivering WireGuard speeds of up to 900 Mbps and OpenVPN DCO speeds of up to 880 Mbps. This level of performance can support bandwidth-intensive activities such as 4K streaming, online gaming, video conferencing, remote work, large file transfers, and simultaneous connections across multiple household devices.

** The performance figures above refer to Fortify's WireGuard and OpenVPN DCO capabilities and may not represent actual ExpressVPN performance. Actual VPN speeds vary depending on the selected protocol, VPN server, internet service provider, network conditions, and connected devices.*



AX6000 Wi-Fi 6 Performance

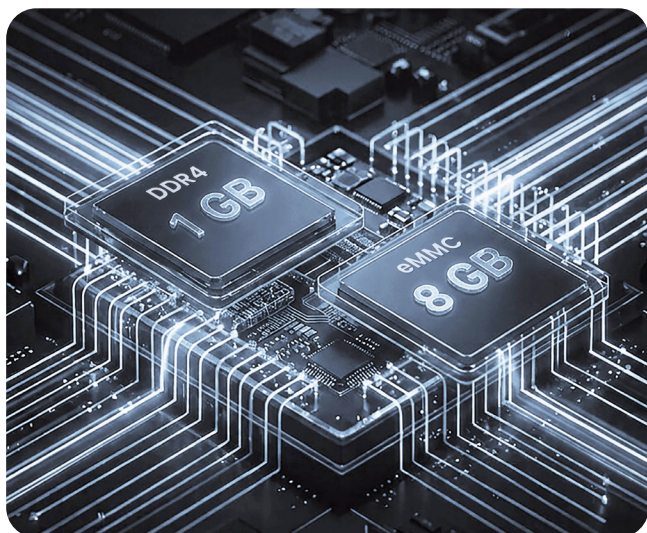
Fortify delivers dual-band Wi-Fi 6 speeds of up to 1,148 Mbps on the 2.4 GHz band and up to 4,804 Mbps on the 5 GHz band. Equipped with eight high-power front-end modules, Fortify is designed to improve signal strength and extend wireless coverage in medium-sized homes. Fortify provides coverage of up to 1,500 sq. ft. and supports up to 86 connected devices, making it suitable for households with phones, computers, smart TVs, gaming consoles, security cameras, and other smart home devices.

** Coverage and device capacity are based on internal testing. Actual coverage, wireless performance, and the number of simultaneously connected devices may vary depending on the home layout, building materials, interference, bandwidth usage, device capabilities, and network conditions.*



Powerful Processor and Large Storage

Powered by a quad-core 2.0 GHz processor and 1 GB of DDR4 memory, Fortify provides the processing capability required for stable routing, high-speed VPN performance, and reliable multi-device connectivity. It is designed to help maintain smooth network performance when household members are streaming, gaming, working remotely, or using multiple smart home devices simultaneously. Fortify also includes 8 GB of eMMC storage for firmware, system data, supported software packages, and advanced network customization.



Multi-Gigabit Wired Connectivity

Fortify is equipped with one dedicated 2.5 GbE WAN port, one configurable 2.5 GbE WAN/LAN port, and four 1GbE LAN ports. The dedicated WAN port supports Multi-Gigabit internet connections, while the configurable WAN/LAN port can be used for an additional internet connection or a high-speed local device such as a desktop computer, workstation, NAS system, network switch, or wireless access point. Four additional 1 GbE LAN ports provide reliable wired connectivity for TVs, gaming consoles, smart home hubs, and other everyday devices.



Specifications

HARDWARE	
CPU	MT7986A Quad-core @2.0 GHz
Memory / Storage	1GB DDR4 / 8GB eMMC
Wi-Fi	2.4GHz: 802.11 b/g/n/ax, 4×4, up to 1148Mbps 5GHz: 802.11 a/n/ac/ax, 4×4, up to 4804Mbps
Antenna	4 × Dual-Band External Wi-Fi Antennas
Power Consumption	<20W
Housing Material	ABS+PC
Installation Method	Desktop+Wall-mountable
Dimension / Weight	233 × 137 × 53 mm / 761g
SOFTWARE FEATURES	
Operating System	OpenWrt v21.02 (Kernel Version 5.4)
Network Mode	Router, AP, Extender, WDS
Ethernet Dialing Mode	DHCP, Static IP, PPPoE
Repeater Mode	Scan and connect to SSID Connect to hidden SSID
Internet Connection Method	Ethernet Repeater Tethering Cellular
Wireless Configuration	Wireless AP On/Off Control SSID Modification and Hiding Encryption Mode and Password Configuration Channel and Bandwidth Configuration Transmission Power Adjustment Randomized BSSID Support Guest SSID

SOFTWARE FEATURES

Flow Control	Network Quality Data Statistics Content Filter QoS SQM Parental Control
Client List	Display of Connected Clients Client Access Control (Block Internet Access)
Firewall Function	Port Forwarding Port Management (Open Port) DMZ
VPN	OpenVPN (Client & Server, up to 880 Mbps) WireGuard (Client & Server, up to 900 Mbps) Policy Routing Tor
Cloud Service	GoodCloud
System Function	Restart Restore Factory Settings Change IP Address Range on LAN Side Change Time Zone MAC Address Clone Encrypted DNS Dynamic DNS (DDNS) Cloud Remote Management Remote Web Management Remote SSH Management Installing / Uninstalling Packages Multi-WAN (Failover and Load Balance) DPI Engine QoS AdGuard Home Parental Control ZeroTier Tailscale IP Address Reservation IPv6 Drop-in Gateway Mode Network Acceleration

INTERFACE

Ethernet Port	1 × 2.5G WAN, 1 × 2.5G WAN/LAN, 4 × 1G LAN
USB Port	1 × USB 3.0 Type-A (Max output: 5V/2A)
LED Indicator	1 × Dual-Color LED Indicator for Power and Internet
Reset Button	1 × Reset Button (Press (>3s, <8s) to restore network settings to device initial state; long press ≥8s to restore factory settings)
Power Port	1 × DC Jack (12V/4A, 5.5 × 2.1 mm)

CERTIFICATION

- CE
 - UKCA
 - FCC
 - IC
 - MIC
 - SRRC
 - RCM
- RoHS
 - WEEE
 - REACH
 - ErP
 - California Proposition 65
 - EU Cybersecurity (EN 18031)
 - UK PSTI (ETSI EN 303 645)

ENVIRONMENT

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

PACKAGE CONTENTS

1 × Fortify (GL-MT6000) Router
1 × Power Adapter (12V/4A)
1 × Ethernet Cable
1 × Adapter Connector
1 × Regional Power Adapter
1 × User Manual & Warranty Card
1 × ExpressVPN Activation Guide

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CONTACT US

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