Datasheet (GL-SFT1200)

# Meet Opal
- Security-savvy Travelers

Opal (GL-SFT1200) is a budget-friendly travel router that offers 300Mbps (2.4GHz) + 867Mbps (5GHz) combined Wi-Fi speed. It is designed with low-cost and minimalist hardware components and compact with strong security features.

Opal is a user-friendly and convenient network security solution for frequent travelers and remote workforce to protect their network traffic when connected to an unknown Wi-Fi network.

Highlights

OpenWrt Pre-installed

Opal is pre-installed with customized OpenWrt operating system, letting users customize the router's firmware and install applications based on different application scenarios.
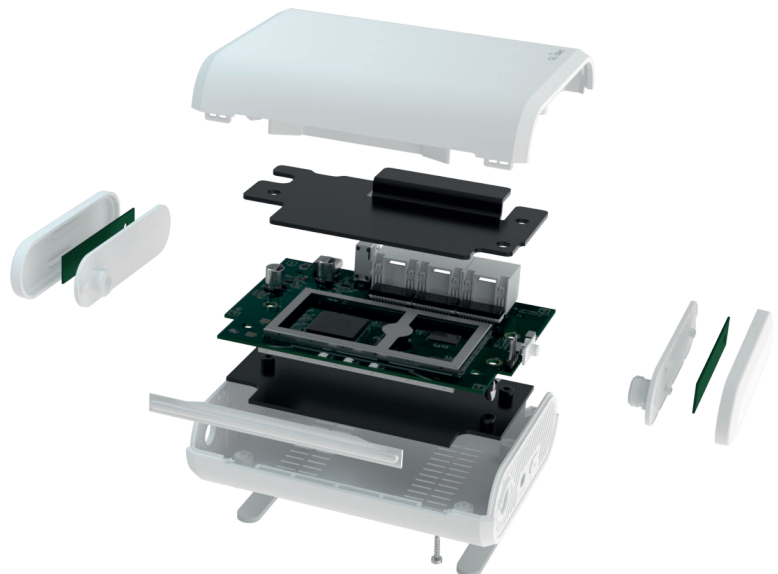
Secured Network

Opal is pre-installed with OpenVPN and WireGuard supporting 30+ VPN services, it supports VPN remote access to client devices using GoodCloud, and automatically encrypts all network traffic within the connected network. 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.
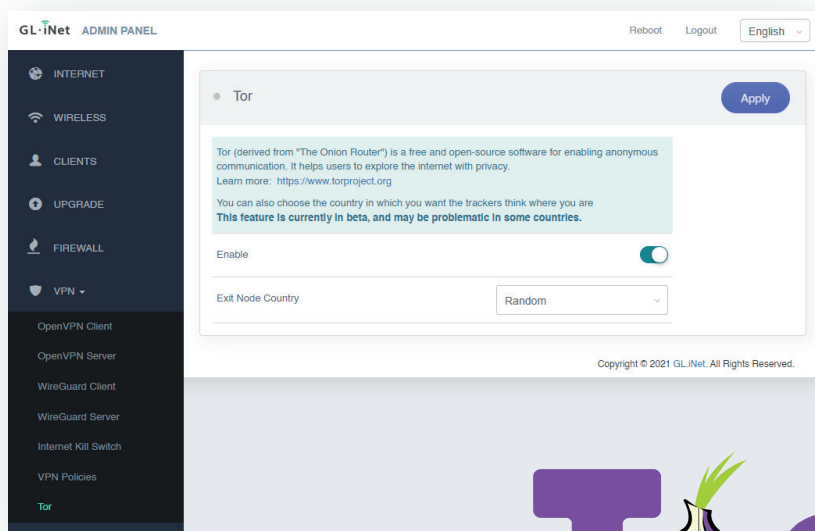
Tor Service

Opal is pre-installed with Tor (The Onion Router). It protects sensitive personal information and browsing data by concealing online identity, defends against surveillance, and blocks third-party trackers.
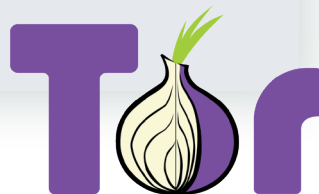
Remote Device Management

Opal comes with GoodCloud, our remote device management platform for remote monitoring client device data usage, accessing the device's terminal, batch update, view analytics, and more.

Specifications

HARDWARE

CPU	SF19A28, Dual-Core, @1 GHz
Memory / Storage	DDR3 128MB / SPI NAND Flash 128MB
Wi-Fi	802.11 a/b/g/n, 300Mbps (2.4GHz) 802.11 ac, 867Mbps (5GHz)
External Antennas	2 x 2.4GHz + 5GHz two-in-one Wi-Fi Antennas
Ethernet Speed	10/100/1000 Mbps
Power Consumption	<6W
Dimension / Weight	118 x 85 x 30mm / 145g

SOFTWARE FEATURES

Operating System	OpenWrt
Network mode	Routing, AP, Wireless Bridge, Wired Bridge
Ethernet Dialing Mode	DHCP, Static, PPPoE
Repeater Mode	Scans and connects to SSID Connects to hidden SSID

Wireless Configuration	Switching on and off wireless AP
	Modifying and hiding SSID
	Modifying encryption mode and password
	Channel modification
	Bandwidth modification
	Modifying transmission power
	Guest SSID
Firewall Function	Port forwarding, open port, DMZ
VPN	OpenVPN client & server
	WireGuard client & server
	Maximum OpenVPN Speed: 12Mbps
	Maximum WireGuard Speed: 65Mbps
	Policy routing
System Function	Restart
	Restore factory settings
	Change IP address range on LAN side
	Change time zone
	MAC address clone
	Advanced DNS
	Cloud remote management
	Remote web management
	Remote SSH management
	Installing / uninstalling packages

INTERFACE

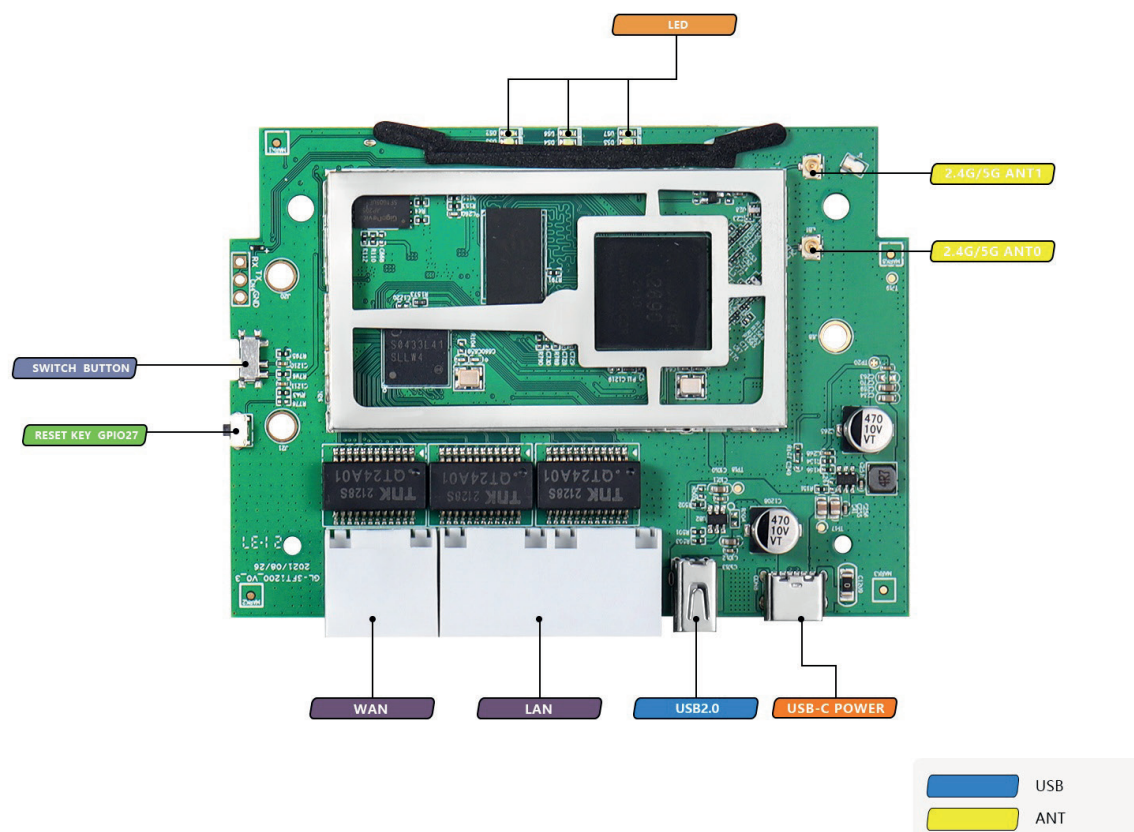|	
Ethernet Port	1 x WAN, 2 x LAN
USB Port	USB2.0 Type-A
LED Indicator	1 x dual color LED indicator for Power and Internet
Reset Button	Press (>3s, <8s) restores network settings to device initial state Long press (>=8s) restores factory settings
Power Port	USB Type-C interface, 5V/3A power supply

CERTIFICATION

- CE
- MIC
- WEEE
- IC
- FCC
- RoHs
- CCC

ENVIRONMENT

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

1 x Opal (GL-SFT1200) Router

1 x Power Adapter

1 x Ethernet Cable

1 x Warranty Card

1 x User Manual

PINOUT

LED

2.4G/5G ANT1

2.4G/5G ANT0

SWITCH BUTTON

RESET KEY GPIO27

WAN

LAN

USB2.0

USB-C POWER

	USB
	ANT

CONTACT US

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