Datasheet (GL-A1300)

Meet Slate Plus

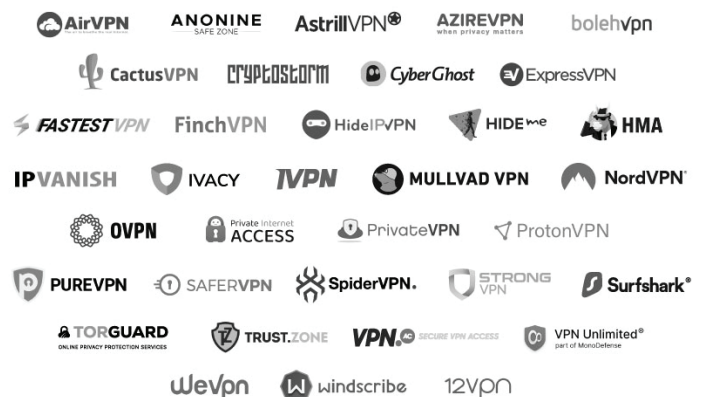## - An Ultra Efficient VPN Encrypted Travel Router

Slate Plus (GL-A1300) is a pocket-sized travel router with a powerful CPU optimized for running VPN encryption efficiently, it offers 400Mbps (2.4GHz) + 867Mbps (5GHz) combined Wi-Fi speed, and a VPN encryption speed of 170Mbps (WireGuard®) + 28Mbps (OpenVPN). Slate Plus is the advanced version of Slate (GL-AR750S) with a more powerful CPU with an improved connection stability and an updated SDK4.0 package.
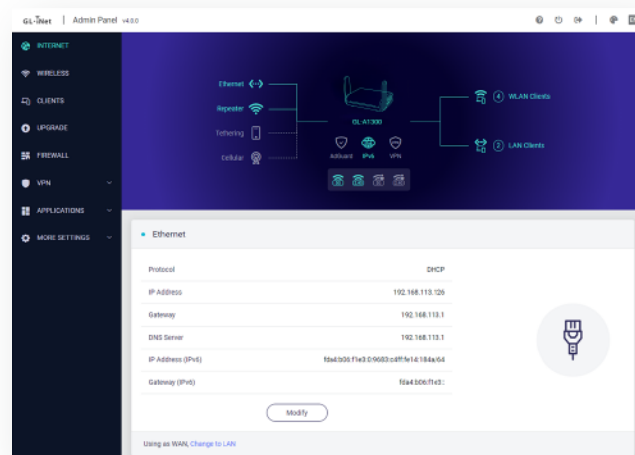
Highlights

VPN Efficiency

Slate Plus runs VPN encryption three times faster than its previous generation. It is pre-installed with OpenVPN and WireGuard®, and supports 30+ VPN services. Slate Plus can also act as a VPN server, redirecting traffic from client devices in remote locations to the VPN server via a VPN tunnel before accessing the public internet.

SDK 4.0

Slate Plus runs on our latest software development kit, it has an upgraded interface with improved response time and interoperability, it runs a more powerful repeater function, and is able to run multiple VPN clients and servers including OpenVPN and WireGuard® simultaneously.

Network Storage

Slate Plus supports SAMBA and WebDav protocol, creating a private network to store and share documents by inserting an external USB hard disk into the router. Conveniently save space in your client devices or backup files during travels to prevent data loss.

Specifications

HARDWARE	
CPU	IPQ4018, Quad Core@717Mhz
Memory / Storage	DDR3L 256MB / NOR Flash 4MB + NAND Flash 128MB
Wi-Fi	802.11 a/b/g/n, 400Mbps (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	<6.5W
Dimension / Weight	118 x 84 x 33 mm (L*W*H) / 181g

SOFTWARE FEATURES

Operating System	OpenWrt
Network mode	Routering, AP, Extender, 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: 28Mbps Maximum WireGuard Speed: 170Mbps Policy routing

System Function	Restart
	Reset Firmware
	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

INTERFACE

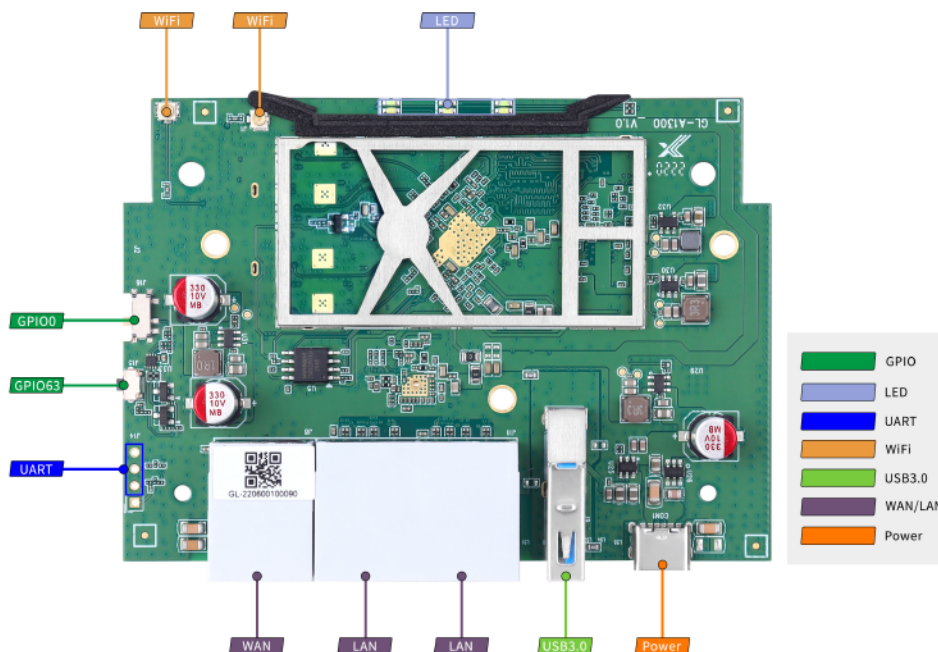| Ethernet Port	1 x WAN, 2 x LAN
USB Port	USB3.0 Type-A
LED Indicator	1 x dual color LED indicator for Power and Internet
Reset Button	Press (>3s, <8s) restores network settings to device initial state Long press (>=8s) restores factory settings
Power Port	USB Type-C interface, 5V/3A power supply

CERTIFICATION

- CE
- RoHs
- MIC
- FCC
- IC
- UKCA

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 Slate Plus (GL-A1300) Router
	1 x Power Adapter
	1 x Ethernet Cable
	1 x Warranty Card
	1 x User Manual

PINOUT

GPIO
LED
UART
WiFi
USB3.0
WAN/LAN
Power

CONTACT US

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