



Mudi 7 is a Portable 5G NR Wi-Fi 7 Travel Router, designed to provide reliable networks with privacy for road warriors and business travelers who want to secure their data and protect them from cyber criminals.

Power your world with 5G hyper-speed and dual SIM reliability. Delivering lightning-fast downloads, seamless 4K streaming, and lag-free video conferencing, even in crowded urban hubs. With dual SIM auto-switching, it intelligently switch when detecting failure, ensuring rock-solid connectivity whether you're on a cross-country road trip or navigating remote worksites. Keeps you online, productive, and always in control.

State-of-the-art Wi-Fi 7 wireless connectivity with 320MHz channels and 4K QAM modulation, it provides rock-solid stability with lightning-fast speed. Whether you're a multi-device traveler, a remote team, or a content creator, experience future-proof performance.

With the responsive touchscreen, you can monitor real-time data usage, check signal strength, or change settings with a simple swipe. The sleek interface offers one-tap optimization for instant network adjustments, while dynamic visual cues (like real-time network speed, connected devices and) keep you informed without guesswork. No hassle, just tap and go.

Highlights

Connect Without Limits, Secure Without Compromise - 5G | VPN

Stay connected anywhere, anytime with blazing-fast 5G. Empower your remote workforce to access corporate networks securely and seamlessly—no matter the environment. Our integrated 5G + VPN solution combines ultra-reliable speeds with traffic encryption, ensuring stable, unrestricted productivity from coffee shops, airports, hotel rooms or home offices.

Enjoy GL.iNet Exclusive VPN Service for Work from Anywhere - AstroWarp

Configure an exit node or set up site-to-site networking in just 3 minutes. AstroWarp is an advanced networking platform, natively integrated with GL.iNet routers. It removes the need for coding, complex configurations, and lengthy setup times. Its interactive topology dashboard provides a visual map of all connected devices with real-time status monitoring, greatly improving network visibility and control.

One Cable, Everything Solved - 10Gbps Speed | PD Fast Charging | USB Tethering

Say goodbye to clutter and hello to seamless efficiency. With a single USB-C connection, enjoy blazing-fast 10Gbps data speed, rapid device charging, and instant internet sharing—all at once. Redefines simplicity.



Unshakable Connectivity, Unlimited Versatility – TS-9 Antenna Port

Need stronger cellular signal reliability? The TS-9 antenna port allows you to attach external antennas to optimize cellular signal in challenging environments. Ideal for RVs, basements, or in-door setups. Expand your reach, stay unshakably connected.

Speed, Expansion, All together – 2.5Gbps Ethernet | USB OTG

Equipped with a blazing 2.5G Ethernet port, it supercharges wired networks for high-bandwidth tasks like 4K streaming or bulk data transfers. The OTG-enabled USB-C port lets you directly attach USB Disk for file sharing, USB Modems for failover, or even network adapters to provide extra ethernet port.

Specifications

HARDWARE

- 5G Modem-RF System: Qualcomm Snapdragon X72
- CPU: Quad-core A55 @ 2.2GHz
- Storage: 2GB RAM + 8G eMMC
- Wi-Fi: 2.4GHz 688Mbps; 5GHz 2.8Gbps; 6GHz 5.8Gbps
- Antennas: 8 x Internal antennas (6 for Cellular, 2 for Wi-Fi)
- Ethernet: 1 x LAN/WAN Port (100M/1000M/2.5Gbps)
- Exterior Material: PC + ABS
- Dimension/Weight: 157x75x22.8 mm/300 g

INTERFACE

- Ethernet Port: 1 x 2.5G LAN/WAN
- Screen: 2.8" Color LCD touch screen
- SIM Card Slot: 2 x Nano SIM card slot
- eSIM Chipset: 1 x onboard eSIM chipset
- USB Port: Power only USB Type-C (Power input and output)
- 10Gbps USB Type-C (Power input and output, USB Tethering and USB-OTG)
- Power Input: PD 5-12V/2.5A
- Power Output: 5V/1.5A
- Power Button: Long press to power on/off the device, short press to turn on/off the screen
- Reset Button: Press (>3s, <8s) to restore network settings to device initial state. Long press (>=8s) to restore factory settings

CERTIFICATION

- FCC (RF, EMI, SAR)
- IC (RF, EMI, SAR)
- CE (RF, EMC, SAR, Safety, Security)

- RoHS, REACH, WEEE, CP65
- DOE, CEC, Nrcan
- UN38.3
- CB

SOFTWARE FEATURES

- OpenWrt 22.03 (Linux Kernel 5.15)
- Multi-WAN (load-balancing and failover)
- Routing, AP, wireless bridge, wired bridge
- Cloud device management
- Local web management
- SSH remote management
- DMZ, Port forwarding
- MAC cloning
- AstroWarp
- OpenVPN and WireGuard®

ENVIRONMENT

- Operating temperature: 0 ~ 40° C (32 ~ 104° F)
- Storage temperature: -20 ~ 45° C (-4 ~ 113° F)
- Operating humidity: 5%~95%, non-condensing
- Storage humidity: 5%~95%, non-condensing

PACKAGE CONTENTS

- 1 x Router
- 1 x 10Gbps USB-C Cable
- 1 x Travel Case
- 1 x User Manual
- 1 x Warranty Card

ORDERING INFORMATION

Product Code		GL-E5800NA	GL-E5800EU
Regions		Primary: North America	Primary: EMEA/APAC/Brazil
Frequency bands			
5G	5G NR	3GPP Rel-17 NSA/ SA operation, Sub-6 GHz	
	5G NR NSA	n2/5/7/12/14/25/26/30/38/41/48/66/71/77/78	n1/3/5/7/8/20/26/28/38/40/41/75/77/78
	5G NR SA	n2/5/7/12/13/14/25/26/29/30/38/41/48/66/70/71/77/78	n1/3/5/7/8/20/26/28/38/40/41/75/77/78
LTE	Category	Cat 20 (DL)/Cat 18(UL)	
	LTE-FDD	B2/4/5/7/12/13/14/17/25/26/29/30/66/71	B1/3/5/7/8/20/28/32
	LTE-TDD	B38/41/42/43/48	B38/40/41/42/43
UMTS	WCDMA	-	B1/5/8
Data rates (Max.) ①			
5G SA Sub-6		4.67 Gbps(DL) / 1.25Gbps(UL)	4.67 Gbps(DL) / 1.25 Gbps(UL)
5G NSA Sub-6		4.52 Gbps(DL) / 730 Mbps(UL)	4.52 Gbps(DL) / 730 Mbps(UL)
LTE		2.0 Gbps(DL) / 211 Mbps(UL)	2.0 Gbps(DL) / 211 Mbps(UL)
WCDMA		-	42 Mbps (DL)/5.76 Mbps (UL)

NOTE:

- ①: The presented data rates are theoretical only, and actual values depend on network conditions.

6ID WiFi 6E Indoor AP mode:

Device shall be powered by Adaptor(Mains Power)

FCC Caution.

a、 § 15.19 Labeling requirements.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

b、 § 15.21 Changes or modification warning.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

c、 § 15.105 Information to the user.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

*RF warning for Mobile device:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes:

- (1) l'appareil ne doit pas produire de brouillage, et
- (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance of 20 cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter

Devices shall not be used for control of or communications with unmanned aircraft systems

- This device's operation will not be allowed on oil platforms, cars, trains, boats, and aircraft, except that operation of this device is permitted in large aircraft while flying above 10,000 feet.
- This device is prohibited for control of or communications with unmanned aircraft systems, including drones.