



[Manuals.plus](#) /

› [APAL](#) /

› APAL Raku 5G 4G LTE Mobile WiFi Router User Manual

APAL Raku 5G

APAL Raku 5G 4G LTE Mobile WiFi Router User Manual

Model: Raku 5G

1. INTRODUCTION

This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your APAL Raku 5G 4G LTE Mobile WiFi Router. Please read this manual thoroughly before using the device to ensure proper functionality and to maximize your user experience. Keep this manual for future reference.

2. PRODUCT OVERVIEW

The APAL Raku 5G Mobile WiFi Router is a portable wireless device designed to provide high-speed internet access using 5G and 4G LTE networks. It features a Qualcomm Snapdragon X55 chip and supports the latest Wi-Fi 6 standard, allowing multiple devices to connect simultaneously.

APAL Raku 5G モバイルルーター



国内外問わず、どこでもネット超高速

Figure 1: The APAL Raku 5G Mobile Router, highlighting its capability to provide super-fast internet access both domestically and internationally.

2.1 Key Features

- **Advanced Connectivity:** Equipped with Qualcomm Snapdragon X55 chip and Wi-Fi 6 support for high-speed 5G and 4G LTE internet access.
- **Ultra-Fast Speeds:** Theoretical download speeds up to 2.52 Gbps and upload speeds up to 0.66 Gbps, significantly faster than traditional LTE.
- **Long-Lasting Battery:** Features a 5300mAh battery, providing up to 10 hours of continuous operation. Supports Quick Charge 2.0 for rapid recharging.
- **Multi-Device Support:** Capable of connecting up to 30 devices simultaneously, utilizing 2x2 MIMO and OFDMA technologies for stable connections.
- **Compact and Portable:** Weighs approximately 235g, making it suitable for travel and on-the-go use.
- **Versatile Ports:** Includes a USB Type-C port and a LAN port for flexible connectivity options.
- **SIM-Free Design:** Compatible with Nano-SIM cards from various carriers, offering flexibility in network choice.

● 5G ● 4G デュアルバンド、1167Mbps

通信規格：5G NR Sub6、LTE FDD、LTE TDD、4G LTE、5G NSA、5G Sub6 SA

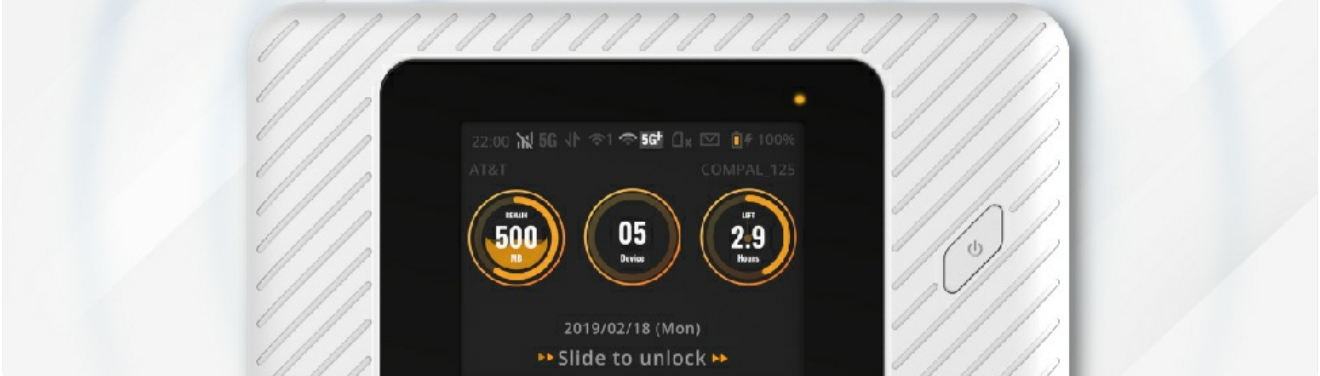


Figure 2: The device supports both 5G and 4G dual-band connectivity, offering speeds up to 1167Mbps and compatibility with various communication standards including 5G NR Sub6, LTE FDD, LTE TDD, 4G LTE, 5G NSA, and 5G Sub6 SA.

2.2 Device Components

Familiarize yourself with the main components of your APAL Raku 5G Mobile WiFi Router:



Figure 3: Front and back view of the APAL Raku 5G Mobile WiFi Router. The front features a display screen and a power button on the side. The back shows ventilation grilles.

- **Display Screen:** A 2.4-inch color touch panel that shows network status, data usage, battery level, and

connected devices.

- **Power Button:** Located on the side, used to power the device on/off and wake the screen.
- **SIM Card Slot:** For inserting a Nano-SIM card (typically located under a cover).
- **USB Type-C Port:** For charging the device and connecting to a computer.
- **LAN Port:** For wired network connection to devices like smart TVs or desktop computers.
- **Reset Button:** A small pinhole button for factory reset (refer to Troubleshooting section).

2.4インチ カラータッチパネル 9か国言語



Figure 4: Close-up of the device's 2.4-inch color touch panel, displaying current data usage (e.g., 500MB remaining), number of connected devices (e.g., 5), and estimated remaining battery life (e.g., 2.9 hours). The screen also shows network signal strength, 5G indicator, and battery percentage.



Figure 5: The APAL Raku 5G Mobile WiFi Router is versatile for various applications, including home use, telework, personal streaming, and smart education environments.

世界初同時に多種類接続 支援可の5G MiFiルーター



最大接続数
30台



5300mAh
の大容量



Qualcomm
X55晶片



Figure 6: The APAL Raku 5G Mobile WiFi Router is designed for portability, allowing users to carry it easily for on-the-go internet access, such as during travel or study abroad.

3. SETUP

3.1 SIM Card Installation

1. Ensure the device is powered off.
2. Locate the SIM card slot cover, usually on the side or bottom of the device. Gently open it.
3. Insert a Nano-SIM card into the slot with the gold contacts facing down and the notched corner aligned correctly.
4. Push the SIM card in until it clicks into place.
5. Close the SIM card slot cover securely.

SIMフリー

Nano-SIM規格のSIMカードなら、どちらの通信業者を利用してもAPAL Raku 5Gモバイルルーターを使える

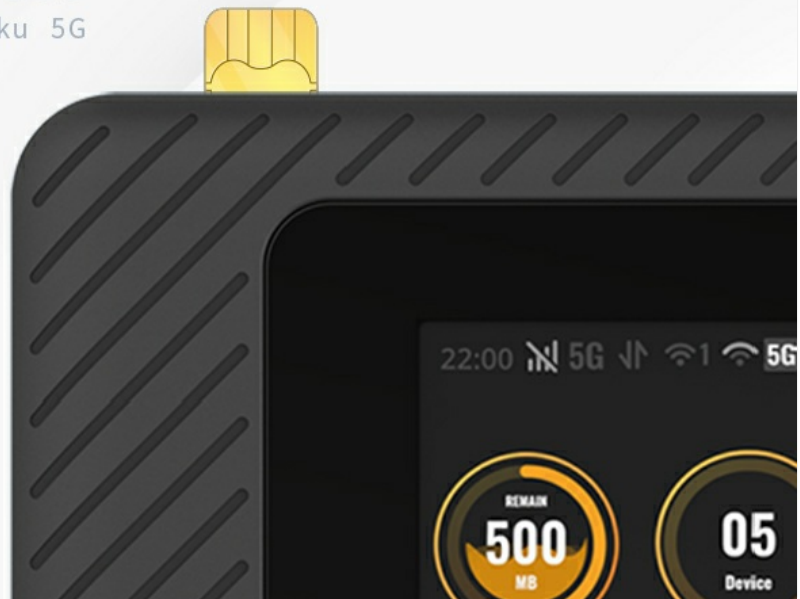


Figure 7: Illustration demonstrating the insertion of a Nano-SIM card into the device. The device is designed to be SIM-free, supporting various communication providers.

3.2 Initial Power On and Charging

1. Press and hold the Power button for a few seconds until the screen lights up.
2. Upon first use, it is recommended to fully charge the device. Connect the USB Type-C cable to the device and a compatible power adapter (Quick Charge 2.0 compatible for fastest charging).
3. The screen will display the charging status.

大容量5300mAh

#10時間連続使用

#モバイルバッテリーにもなる



Figure 8: The APAL Raku 5G Mobile WiFi Router features a large 5300mAh battery, providing up to 10 hours of continuous use and can also function as a mobile power bank.

3.3 Connecting Devices via Wi-Fi

1. Ensure the APAL Raku is powered on and has an active internet connection (indicated by the network status on the screen).
2. On your device (smartphone, laptop, tablet), open the Wi-Fi settings.
3. Search for available Wi-Fi networks. The network name (SSID) and password are typically displayed on the APAL Raku's screen or on a label inside the SIM card compartment.
4. Select the APAL Raku's SSID and enter the password when prompted.
5. Once connected, your device should have internet access.



Figure 9: A user working on a laptop, wirelessly connected to the APAL Raku 5G Mobile WiFi Router, demonstrating its use for telework or personal computing.

3.4 Connecting Devices via LAN Port

1. Connect one end of an Ethernet cable to the LAN port on the APAL Raku.
2. Connect the other end of the Ethernet cable to the Ethernet port on your device (e.g., desktop PC, smart TV, game console).
3. The connected device should automatically obtain an IP address and gain internet access.

LAN・USB・Wi-Fiを応援使用、持ち歩き出来る無線アクセスポイント。



ビジネスや旅行やご自宅用に、または法人企業でのご利用も可能。

最大接続数30台

Figure 10: The APAL Raku 5G Mobile WiFi Router positioned next to a laptop, illustrating its support for both LAN and Wi-Fi connections. This setup is suitable for business or home use.

4. OPERATING INSTRUCTIONS

4.1 Power On/Off

- **To Power On:** Press and hold the Power button for approximately 3 seconds until the screen illuminates.
- **To Power Off:** Press and hold the Power button for approximately 3 seconds. A power-off confirmation prompt will appear on the screen. Select "Power Off" to shut down the device.
- **To Wake Screen:** Briefly press the Power button.

4.2 Screen Navigation and Status Indicators

The 2.4-inch color touch panel provides essential information at a glance. Swipe to unlock the screen and navigate through various menus to check:

- **Network Status:** Displays 5G/4G LTE signal strength and connection type.
- **Data Usage:** Shows current data consumption and remaining data (if applicable to your plan).
- **Battery Level:** Indicates the remaining battery percentage and charging status.
- **Connected Devices:** Shows the number of devices currently connected to the router.
- **Wi-Fi Name (SSID) and Password:** Can be viewed on the screen for easy connection.

4.3 Accessing Web Management Interface

For advanced settings and configuration, access the web management interface:

1. Connect your device (computer, smartphone) to the APAL Raku via Wi-Fi or LAN.
2. Open a web browser and enter the default IP address (e.g., 192.168.1.1 or 192.168.0.1) into the address bar. The exact IP address can usually be found in the device's settings menu on the screen or in the quick start guide.
3. Enter the default username and password (typically admin for both, or as specified on the device label).
4. From the web interface, you can configure Wi-Fi settings (SSID, password, security type), network modes (5G/4G preference), data limits, and other advanced features.

5. MAINTENANCE

5.1 Cleaning

- Power off the device before cleaning.
- Use a soft, dry, lint-free cloth to wipe the exterior of the device.
- Do not use liquid cleaners, aerosols, or solvents, as these may damage the device.

5.2 Battery Care

- Avoid exposing the device to extreme temperatures (hot or cold) as this can degrade battery performance.
- For optimal battery life, avoid fully discharging the battery frequently.
- If storing the device for an extended period, charge it to about 50% and store it in a cool, dry place.

5.3 Software Updates

Periodically check for firmware updates through the web management interface. Updates can improve performance, add new features, and enhance security. Follow the on-screen instructions carefully during the update process.

6. TROUBLESHOOTING

If you encounter issues with your APAL Raku 5G Mobile WiFi Router, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
No internet connection	No SIM card or improperly inserted SIM. No network signal. Data plan exhausted. Incorrect APN settings.	Ensure SIM card is correctly inserted and activated. Move to an area with better network coverage. Check your data plan status with your carrier. Verify APN settings in the web management interface (consult your carrier for correct settings).
Slow internet speed	Weak signal. Too many connected devices. Network congestion.	Relocate the device to an area with stronger signal. Disconnect unnecessary devices. Try again during off-peak hours.
Cannot connect to Wi-Fi	Incorrect Wi-Fi password. Device too far from the router. Wi-Fi disabled on the router.	Verify the Wi-Fi password from the router's screen. Move closer to the router. Check the router's screen or web interface to ensure Wi-Fi is enabled.
Device does not power on	Battery is depleted. Device malfunction.	Connect the device to a power source and charge it. If still unresponsive, contact customer support.

6.1 Factory Reset

If problems persist, you may perform a factory reset. This will restore the device to its original factory settings, including Wi-Fi name and password. **All custom configurations will be lost.**

1. Ensure the device is powered on.
2. Locate the small reset pinhole button (refer to the device diagram or quick start guide).
3. Using a paperclip or a similar pointed object, press and hold the reset button for approximately 5-10 seconds until the device restarts.
4. After the restart, the device will be reset to factory defaults.

Important Note: The QR code in the physical quick manual included in the product box may link to an outdated version of the manual. For the latest product manual, please refer to the product page on the retailer's website or contact APAL customer service directly.

7. SPECIFICATIONS

Feature	Detail
Brand	APAL
Model	Raku 5G
Compatible Devices	Smartphone, PC, Tablet, Smart TV, Game Consoles
Wireless Support	2.4 GHz wireless frequency, 802.11a/b/g/n/ac (Wi-Fi 6 compatible)

Feature	Detail
Frequency Band Class	Dual Band
Connectivity Technology	USB, Wi-Fi
Internal Battery	5300mAh, rechargeable
Charging	Quick Charge 2.0 compatible
Maximum Connections	30 devices
Dimensions (Package)	16.7 x 11.5 x 4.7 cm
Weight (Package)	470 g
Device Weight	Approximately 235 g
SIM Type	Nano-SIM

8. WARRANTY AND SUPPORT

APAL products are designed for reliability and performance. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official APAL website.

If you require technical assistance, have questions about your device, or need to report an issue, please contact APAL Customer Service. Contact details can typically be found on the official APAL website or on the product packaging.

When contacting support, please have your product model (Raku 5G) and purchase information ready.