

ASUS ZS600KL-S845-8G128G

ASUS ROG Gaming Smartphone User Manual

Model: ZS600KL-S845-8G128G

1. INTRODUCTION

This user manual provides comprehensive instructions for the ASUS ROG Gaming Smartphone, model ZS600KL-S845-8G128G. Designed for high-performance mobile gaming, this device features advanced hardware and software optimizations to deliver an immersive experience. Please read this manual thoroughly to ensure proper setup, operation, and maintenance of your device.

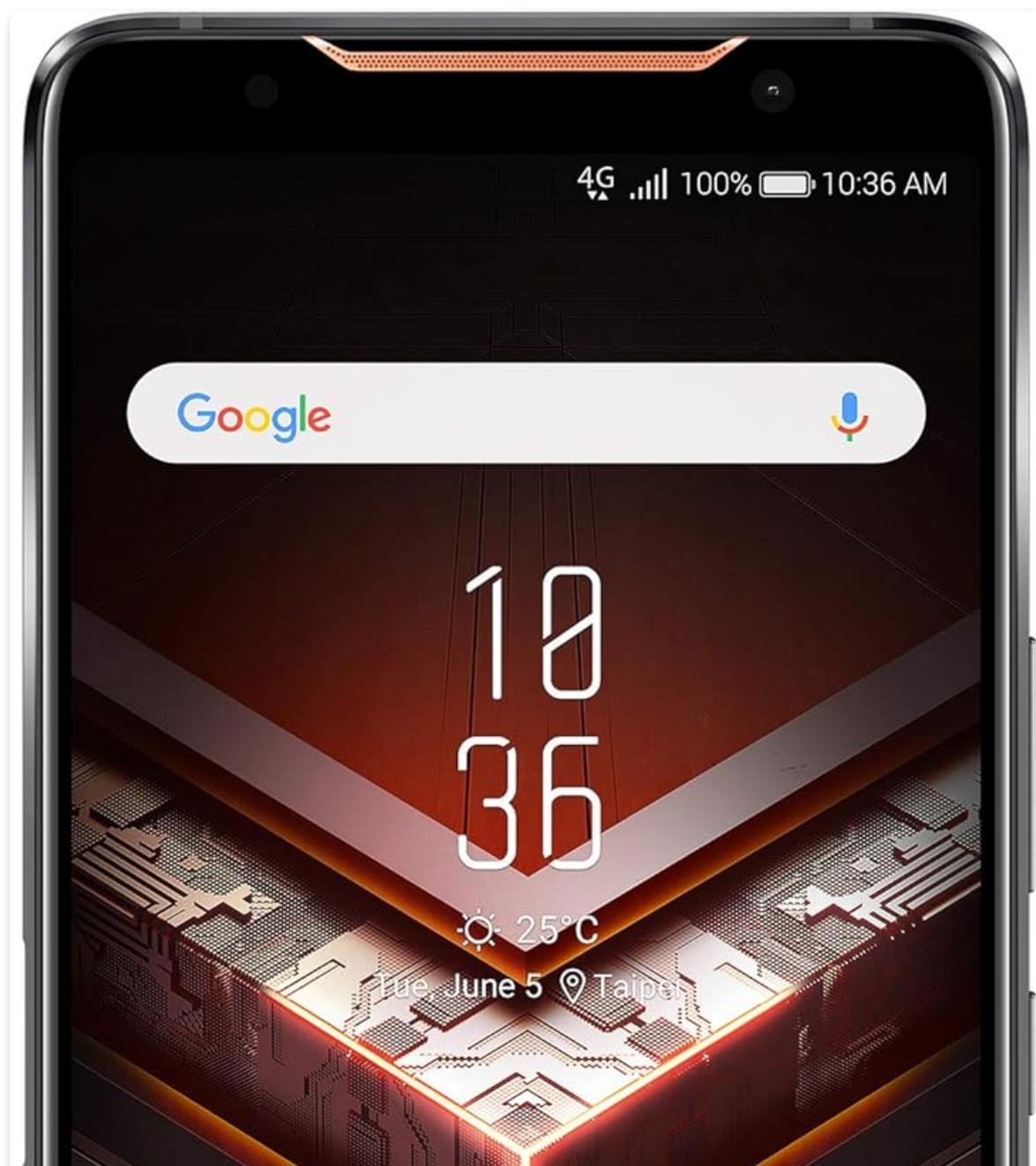




Figure 1.1: The ASUS ROG Gaming Smartphone, showcasing its vibrant display and custom user interface.

2. SETUP AND INITIAL CONFIGURATION

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are included:

- ASUS ROG Gaming Smartphone (ZS600KL-S845-8G128G)
- Power Adapter and USB-C Cable
- SIM Ejector Tool
- User Manual (this document)
- AeroActive Cooler accessory (may be included depending on package)

2.2 SIM Card Installation

The device supports dual Nano SIM cards. To install:

1. Locate the SIM card tray on the side of the device.
2. Insert the SIM ejector tool into the small hole next to the tray and press gently until the tray pops out.
3. Place your Nano SIM card(s) into the designated slots on the tray, ensuring proper orientation.
4. Carefully push the tray back into the device until it clicks into place.

2.3 Initial Power On and Charging

Press and hold the power button until the ASUS ROG logo appears. Follow the on-screen instructions to complete the initial setup wizard, including language selection, Wi-Fi connection, and Google account setup. It is recommended to fully charge the device before first use. The 4000mAh battery supports Quick Charge 4.0 for rapid charging.

3. OPERATING YOUR DEVICE

3.1 Display and Visuals

The ASUS ROG Gaming Smartphone features a 6-inch IPS FHD+ Full View AMOLED display with a resolution of 2160x1080 pixels. It boasts a 90Hz refresh rate and 1ms response time, providing smooth visuals crucial for gaming. HDR support enhances color and contrast for a more vibrant viewing experience.

3.2 Performance and Gaming Features

Powered by the Qualcomm Snapdragon 845 Octa-core processor clocked at 2.96Ghz and 8GB of LPDDR4X RAM, the device is engineered for demanding applications and games.

- **AirTriggers:** Utilize the programmable ultrasonic AirTrigger touch sensors located on the side of the phone. These can be configured as virtual buttons for in-game actions, providing a console-like control experience.
- **GameCool System:** The integrated 3D vapor-chamber cooling system efficiently dissipates heat during intense gaming sessions, maintaining optimal performance.
- **Side-Mounted Ports:** The unique side-mounted USB-C and 3.5mm ports allow for comfortable charging and headphone use while gaming in landscape mode, especially when using accessories like the AeroActive Cooler.

3.3 Camera Functionality

The device is equipped with an 8MP front camera and a dual rear camera system featuring a 12MP main sensor with Optical Image Stabilization (OIS) and Electronic Image Stabilization (EIS), alongside an 8MP wide-angle lens. Access camera modes and settings via the Camera application.

3.4 Audio and Connectivity

Experience immersive audio through the dual front-facing stereo speakers. A 3.5mm audio jack is available for wired headphones. For wireless connectivity, the device supports LTE (unlocked), Dual SIM dual standby, Bluetooth, NFC, and 802.11ad Wi-Fi for high-speed data transfer.

4. MAINTENANCE AND CARE

4.1 Cleaning Your Device

To clean the smartphone, use a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics. Avoid using harsh chemicals, abrasive materials, or excessive moisture.

4.2 Software Updates

Regularly check for and install software updates to ensure optimal performance, security, and access to new features. Updates can typically be found in the device's settings under "System" or "Software Update."

4.3 Battery Care

To prolong the lifespan of your 4000mAh battery:

- Avoid extreme temperatures.
- Do not let the battery completely drain frequently.

- Use the original charger and cable provided.

5. TROUBLESHOOTING

This section addresses common issues you might encounter. For more detailed troubleshooting or issues not listed here, please refer to the official ASUS ROG Phone User Manual (PDF) available online or contact ASUS support.

Problem	Possible Cause	Solution
Device does not power on.	Low battery; software crash.	Charge the device for at least 30 minutes. Perform a forced restart by holding the power button for 10-15 seconds.
Battery drains quickly.	Background apps; high screen brightness; network issues.	Close unused apps, reduce screen brightness, disable Wi-Fi/Bluetooth when not in use. Check for app updates.
Apps are lagging or crashing.	Insufficient RAM; outdated app version; corrupted data.	Clear app cache, update apps from Play Store, restart the device. If persistent, consider a factory reset (backup data first).
Cannot connect to Wi-Fi.	Incorrect password; router issue; device Wi-Fi module issue.	Verify Wi-Fi password, restart router, toggle Wi-Fi on/off on the device.

For the official User Manual (PDF), please visit: [ASUS ROG Phone User Manual PDF](#)

6. TECHNICAL SPECIFICATIONS

Feature	Detail
Model Number	ZS600KL-S845-8G128G
Dimensions (L x W x H)	6.25 x 3 x 0.34 inches
Weight	7 ounces (0.44 Pounds)
Operating System	Android
Processor	Qualcomm Snapdragon 845 Octa-core 2.96 GHz
RAM	8 GB LPDDR4X
Internal Storage	128 GB
Display	6-inch IPS FHD+ Full View AMOLED (2160 x 1080)
Refresh Rate	90 Hz
Rear Camera	12MP (OIS/EIS) + 8MP (Wide-Angle)
Front Camera	8MP
Battery Capacity	4000 mAh (Lithium Ion)
Charging	Quick Charge 4.0

Feature	Detail
Audio Jack	3.5 mm
SIM Slots	Dual Nano SIM (Dual SIM dual standby)
Wireless Technologies	Cellular (4G), Wi-Fi (802.11ad), Bluetooth, NFC
First Available Date	October 18, 2018

7. WARRANTY AND SUPPORT

Your ASUS ROG Gaming Smartphone comes with a limited manufacturer's warranty. For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official ASUS support website.

For technical support, driver downloads, and frequently asked questions, please visit the official ASUS support portal:

[ASUS Official Support](#)

You can also find the complete User Manual (PDF) for your device here: [ASUS ROG Phone User Manual PDF](#)

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