ASUS ZS590KS

ASUS ZenFone 8 User Manual

Model: ZS590KS

1. INTRODUCTION

Welcome to the user manual for your ASUS ZenFone 8. This guide provides essential information on setting up, operating, maintaining, and troubleshooting your device. The ASUS ZenFone 8 is a compact and powerful smartphone designed for effortless operation and portability. It features a Qualcomm Snapdragon 888 5G Mobile Platform, a 120 Hz AMOLED display, a 4000 mAh battery, and a pro-grade camera system with Sony sensors.

2. WHAT'S IN THE BOX

Upon unboxing your ASUS ZenFone 8, please ensure all the following items are present:

- ASUS ZenFone 8 Smartphone
- OTG Adapter
- EarBuds
- USB Cable

3. PRODUCT OVERVIEW

Familiarize yourself with the key components and features of your ASUS ZenFone 8.

3.1 Front and Rear View

Figure 3.1: Front and rear view of the ASUS ZenFone 8, showcasing its sleek design and camera module.

3.2 Rear Panel

Figure 3.2: Detailed rear view of the ASUS ZenFone 8, highlighting the camera array and branding.

3.3 Side and Port Layout

Figure 3.3: Angled view of the ASUS ZenFone 8, illustrating the placement of side buttons, USB-C port, and speaker grilles.

3.4 Display Features

Figure 3.4: Front angled view of the ASUS ZenFone 8, emphasizing the vibrant AMOLED display.

3.5 Rear Camera System

12 MP ultrawide-angle camera

Sony® IMX686 flagship sensor
Optical Image Stablization

12 MP ultrawide-angle camera

Sony® IMX363 flagship sensor

Figure 3.5: Close-up of the ASUS ZenFone 8's rear camera module, detailing the 64MP wide-angle (Sony IMX686 with Optical Image Stabilization) and 12MP ultrawide-angle (Sony IMX363) cameras.

3.6 Front Camera

12 MP front Camera

Sony® IMX663 flagship sensor

Figure 3.6: Illustration of the ASUS ZenFone 8's 12MP front camera (Sony IMX663 flagship sensor).

4. SETUP

4.1 Inserting SIM Cards

1. Locate the SIM card tray on the side of your ZenFone 8.
2. Use the provided SIM ejector tool to open the tray.
3. Place your Nano-SIM cards into the designated slots, ensuring proper orientation. The ZenFone 8 supports Dual SIM Dual Standby (4G+5G).
4. Gently push the tray back into the phone until it is flush with the device body.

4.2 Initial Power On and Charging

1. Press and hold the Power button (located on the side) until the ASUS logo appears.
2. Follow the on-screen instructions to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.
3. Before first use, it is recommended to fully charge your device. Connect the USB cable to the phone's USB-C port and the other end to a power adapter. The 4000mAh battery supports quick charge up to 60% in approximately 25 minutes.

5. Operating Your ZenFone 8

5.1 Display and Navigation

- The ZenFone 8 features a 5.92" FHD+ 120Hz AMOLED Display (2448x1080) with a 1ms response time for smooth visuals.
- Navigate using touch gestures: tap, swipe, pinch-to-zoom.
- Utilize the one-handed mode for comfortable control, especially given its portable design.

5.2 Camera Usage

- **Rear Cameras:** The dual-camera system includes a 64MP wide-angle camera with a Sony IMX686 sensor and a 12MP ultrawide-angle camera. Open the Camera app to select modes like Photo, Video, Portrait, and more.
- **Front Camera:** A 12MP front camera is available for selfies and video calls.

5.3 Performance and Storage

- Powered by the Qualcomm Snapdragon 888 SM8350 Octa-core processor with 8GB of RAM, ensuring top-notch performance for demanding applications and multitasking.
- Comes with 256GB of internal storage for your apps, photos, and files.

5.4 Connectivity

- Supports 5G LTE for high-speed mobile data. 5G speeds may vary based on network connection and carrier.
- Compatible with GSM Networks including AT&T, T-Mobile, and MVNOs utilizing these networks. Not compatible with CDMA Networks (e.g., Verizon, Sprint, US Cellular).
- Features USB-C connectivity for charging and data transfer.

5.5 Water and Dust Resistance

The ZenFone 8 is certified IP68 for water and dust resistance. This means it can withstand immersion in up to 1.5 meters of fresh water for up to 30 minutes. However, this is not a permanent condition and resistance might decrease as a result of normal wear. Do not charge a wet device. Liquid damage is not covered under warranty.

6. Maintenance

To ensure the longevity and optimal performance of your ASUS ZenFone 8, follow these maintenance guidelines:

- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid abrasive materials or harsh chemicals.
- **Temperature:** Operate the device within recommended temperature ranges. Avoid extreme heat or cold.
- **Storage:** If storing for an extended period, charge the battery to about 50% and power off the device.
- **Software Updates:** Regularly update your device's operating system and applications to benefit from the latest features, security patches, and performance improvements.
- **Battery Care:** Avoid fully discharging the battery frequently. For optimal battery health, keep the charge between 20% and 80% when possible.

7. TROUBLESHOOTING

If you encounter issues with your ASUS ZenFone 8, refer to the following common troubleshooting steps:

7.1 Device Not Turning On

- Ensure the battery is charged. Connect the charger and wait a few minutes before attempting to power on.
- Press and hold the Power button for at least 10-15 seconds to force a restart.

7.2 Network Connectivity Issues

- Check if your SIM card is properly inserted.
- Toggle Airplane Mode on and off.
- Restart your phone.
- Verify with your carrier that your plan is active and there are no network outages in your area.

7.3 Apps Crashing or Freezing

- Close and reopen the app.
- Clear the app's cache and data from Settings > Apps.
- Ensure the app and your phone's operating system are updated to the latest versions.

7.4 Battery Draining Quickly

- Reduce screen brightness.
- Disable unused features like Wi-Fi, Bluetooth, GPS when not needed.
- Identify and close power-intensive apps running in the background.
- Consider performing a factory reset if the issue persists after trying other solutions (back up your data first).

8. SPECIFICATIONS

Feature	Detail
Model Name	ZS590KS
Product Dimensions	6.5 x 3 x 0.4 inches
Item Weight	15.8 ounces
Operating System	Android
Wireless Communication Technologies	Cellular
Connectivity Technologies	USB Type-C
GPS	True
Display Technology	AMOLED
Screen Size	5.92 Inches

Resolution	2448 x 1080
Scanner Resolution	2448 x 1080
Other Camera Features	Front
Audio Jack	No headphone jack
Form Factor	Smartphone
Color	Black
Memory Storage Capacity	256 GB
RAM Memory Installed Size	8 GB
Battery Capacity	4000 Milliamp Hours
Wireless Carrier Compatibility	T-Mobile (GSM Networks)
Cellular Technology	5G

9. WARRANTY AND SUPPORT

For warranty information and technical support, please refer to the official ASUS website or the warranty card included with your product. You can also visit the ASUS Store on Amazon for additional resources and product information. For further assistance, please contact ASUS customer service directly.