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> HUAWEI Mate 20 Lite User Manual

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Model: Mate 20 Lite (51092RAK)

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your HUAWEI Mate 20 Lite smartphone. Please read this manual thoroughly before using the device to ensure optimal performance and longevity.

The HUAWEI Mate 20 Lite is a versatile 4G smartphone featuring a 6.3-inch display, dual front and rear cameras, and ample storage for your daily needs.

2. DEVICE OVERVIEW





Figure 2.1: Front view of the HUAWEI Mate 20 Lite, displaying the screen with the "HUAWEI Mate 20 lite" logo.





Figure 2.2: Rear view of the HUAWEI Mate 20 Lite, highlighting the vertical dual camera setup, LED flash, and circular fingerprint sensor below the cameras.

Key Components:

- **Front Camera:** Dual 24 MP, 2 MP (depth sensor) for high-quality selfies.

- **Display:** 6.3-inch IPS LCD capacitive touchscreen with 1080 x 2340 pixel resolution.
- **Rear Camera:** Dual 20 MP, f/1.8, PDAF, 2 MP (depth sensor) with LED flash for detailed photos.
- **Fingerprint Sensor:** Located on the rear for secure unlocking.
- **USB Port:** For charging and data transfer.
- **3.5 mm Audio Jack:** For headphones.
- **Power Button:** Located on the side.
- **Volume Buttons:** Located on the side.
- **SIM/microSD Card Slot:** Hybrid/Dual-SIM support with expandable storage up to 256GB.

3. SETUP

3.1 What's in the Box

Upon unboxing your HUAWEI Mate 20 Lite, verify that the following items are included:

- HUAWEI Mate 20 Lite Smartphone
- Adapter
- USB Cable
- Quick Start Guide (not included in this digital manual)
- SIM Ejector Tool (may be included)

3.2 SIM Card and microSD Card Installation

The HUAWEI Mate 20 Lite supports dual SIM cards or one SIM card and one microSD card for expandable storage.

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 push gently until the tray pops out.
3. Carefully place your Nano-SIM card(s) and/or microSD card into the designated slots on the tray. Ensure the gold contacts are facing down and the cards are correctly oriented.
4. Gently push the tray back into the slot until it is flush with the device's side.



Figure 3.1: Side view of the HUAWEI Mate 20 Lite, illustrating the placement of the power and volume buttons, and the SIM tray slot.

3.3 Initial Power On and Setup

1. Press and hold the Power button until the HUAWEI logo appears.

2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account setup, and security settings (fingerprint, PIN, pattern).
3. Ensure your device is sufficiently charged before beginning the setup process.

4. OPERATING YOUR DEVICE

4.1 Basic Navigation

- **Touchscreen Gestures:** Tap, swipe, pinch-to-zoom are standard gestures for navigating the Android 8.1 (Oreo) interface.
- **Power Button:** Press to wake/sleep the screen. Press and hold to power off or restart.
- **Volume Buttons:** Adjust media volume, call volume, and notification volume.
- **Fingerprint Sensor:** Use to unlock the device quickly and securely.

4.2 Camera Usage

The HUAWEI Mate 20 Lite is equipped with advanced dual cameras on both the front and rear.

- **Rear Camera:** The 20 MP primary lens and 2 MP depth sensor work together to capture photos with professional-grade bokeh effects. Open the Camera app and select "Photo" or "Portrait" mode.
- **Front Camera:** The 24 MP primary lens and 2 MP depth sensor are ideal for high-resolution selfies and video calls. Switch to the front camera within the Camera app.
- **Video Recording:** The device supports 1080p video recording at 30fps. Select "Video" mode in the Camera app.

4.3 Storage and Memory Management

Your device comes with 64GB of internal storage and 4GB of RAM. You can expand storage up to 256GB using a microSD card.

- Regularly clear cache and unnecessary files to maintain optimal performance.
- Move large files (photos, videos) to your microSD card to free up internal storage.
- Close background applications to free up RAM and improve responsiveness.

4.4 Connectivity

- **Wi-Fi:** Connect to wireless networks for internet access. Go to Settings > Wireless & networks > Wi-Fi.
- **Mobile Data (4G):** Enable mobile data for internet access when Wi-Fi is unavailable. Go to Settings > Wireless & networks > Mobile network.
- **Bluetooth:** Pair with Bluetooth devices like headphones or speakers. Go to Settings > Device connection > Bluetooth.
- **GPS:** Utilize location services for navigation and location-based apps.

5. MAINTENANCE

5.1 Cleaning Your Device

- Use a soft, lint-free cloth to clean the screen and body of the device.
- Avoid using harsh chemicals, abrasive cleaners, or aerosol sprays.
- Do not expose the device to excessive moisture.

5.2 Battery Care

The HUAWEI Mate 20 Lite is powered by a 3750 mAh Lithium Polymer battery.

- Use only the original charger and USB cable provided with your device.
- Avoid extreme temperatures, as they can degrade battery life.
- Do not let the battery completely drain frequently. Charge it before it reaches very low levels.
- Unplug the charger once the battery is fully charged to prevent overcharging.

5.3 Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements.

- Go to Settings > System > Software update to check for available updates.
- Ensure your device has sufficient battery and a stable Wi-Fi connection before downloading and installing updates.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your HUAWEI Mate 20 Lite.

6.1 Common Issues and Solutions

- **Device not powering 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.
- **Poor network signal or no service:**
 - Check if your SIM card is properly inserted.
 - Restart the device.
 - Verify that Airplane mode is off (Settings > Wireless & networks).
 - Contact your network provider to confirm service status.
- **Apps crashing or device freezing:**
 - Close background applications.
 - Clear the cache of the problematic app (Settings > Apps & notifications > App info > [App Name] > Storage > Clear cache).
 - Restart the device.
 - Ensure your apps and operating system are up to date.

- **Storage full:**

- Delete unnecessary files, photos, and videos.
- Uninstall unused applications.
- Move media files to a microSD card (if installed).
- Clear cached data (Settings > Storage).

6.2 Factory Reset

If issues persist, a factory reset can resolve many software-related problems. **Warning:** A factory reset will erase all data on your device. Back up important data before proceeding.

1. Go to Settings > System > Reset.
2. Select "Factory data reset" or "Erase all data (factory reset)".
3. Confirm your decision and enter your PIN/pattern/password if prompted.
4. The device will restart and begin the reset process.

7. SPECIFICATIONS

Detailed technical specifications for the HUAWEI Mate 20 Lite (Model: 51092RAK).

Feature	Specification
Model Name	Mate 20 Lite
Item Model Number	51092RAK
Operating System	Android 8.1 (Oreo)
Processor	Hisilicon Kirin 710, Octa-core (4x2.2 GHz Cortex-A73 & 4x1.7 GHz Cortex-A53)
Display Size	6.3 Inches
Display Type	IPS LCD capacitive touchscreen, 16M colors
Resolution	1080 x 2340 pixels
Internal Storage	64 GB
RAM	4 GB
Expandable Storage	Up to 256GB microSD Card slot
Rear Camera	Dual 20 MP, f/1.8, PDAF, 2 MP (depth sensor), LED flash, panorama, HDR
Front Camera	Dual 24 MP, 2 MP (depth sensor)

Feature	Specification
Video Recording	1080p@30fps
Battery Capacity	3750 Milliamp Hours (Lithium Polymer)
Phone Talk Time	30 Hours
SIM Type	Hybrid/Dual-SIM (Nano-SIM)
Network Compatibility	2G GSM, 3G WCDMA, 850(B5) / 900(B8) / 1700 2100(B4) / 1900(B2) / 2100(1) and/or 4G LTE FDD 800(B20) / 900(B8) / 1800(B3) / 2100(B1) / 2600(B7)
Connectivity	Wi-Fi, Bluetooth, GPS
Audio Jack	3.5 mm
Dimensions (L x W x H)	6.22 x 2.95 x 0.3 inches
Item Weight	6.1 ounces (172 Grams)
Color	Black
Manufacturer	Huawe
Date First Available	September 1, 2018

8. WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official HUAWEI support website. Warranty terms and conditions may vary by region.

Customer Support:

If you encounter issues not covered in this manual or require further assistance, please contact HUAWEI customer support through their official channels. You can typically find contact information on the HUAWEI official website or through the support section of your device's settings.

- **Online Support:** Visit the official HUAWEI support website for FAQs, troubleshooting guides, and software downloads.
- **Service Centers:** Locate authorized HUAWEI service centers for hardware repairs.

