

## Motorola G64 5G

# Motorola G64 5G User Manual

Model: G64 5G | Brand: Motorola

## 1. PRODUCT OVERVIEW

The Motorola G64 5G is a smartphone designed for efficient performance and extended usage. It features a MediaTek Dimensity 7025 octa-core processor, a large 6000mAh battery, and a 50MP camera with Optical Image Stabilization (OIS).

### Key Features:

- MediaTek Dimensity 7025 Octa-core Processor
- 6000 mAh Battery with TurboPower 33W Charging
- 12GB RAM (expandable up to 24GB with RAM Boost)
- 256GB Internal Storage (expandable up to 1TB with microSD)
- 50MP Main Camera with OIS and Quad Pixel Technology
- 16MP Front Camera
- 6.5-inch FHD+ Display with 120Hz Refresh Rate
- Dual SIM Support
- IP52 Water-Repellent Design
- Corning Gorilla Glass Protection
- Stereo Speakers with Dolby Atmos
- Android 14 Operating System



Figure 1.1: Motorola G64 5G smartphone, showcasing its design and mint green color.



Figure 1.2: Visual representation of the Motorola G64 5G's core features, including its processor, battery, display, camera, and 5G capabilities.

## 2. INITIAL SETUP

---

### 2.1 Unboxing and Components

Upon unboxing, ensure all components are present:

- Motorola G64 5G Smartphone
- TurboPower 33W Charger
- USB Type-C Cable
- SIM Ejector Tool
- Quick Start Guide (if included)

### 2.2 Inserting SIM and microSD Cards

1. Locate the SIM tray on the side of the device.
2. Insert the SIM ejector tool into the small hole on the tray and push gently until the tray pops out.
3. Place your Nano-SIM card(s) and/or microSD card into the designated slots on the tray. Ensure the gold contacts are facing down.
4. Carefully push the tray back into the device until it clicks into place.



Figure 2.1: Side profile of the Motorola G64 5G, indicating the location of the SIM tray.

## 2.3 Initial Power On and Setup Wizard

1. Press and hold the Power button (located on the side) until the Motorola logo appears.
2. Follow the on-screen instructions to complete the initial setup, which includes selecting your language, connecting to Wi-Fi, setting up your Google account, and configuring security features like fingerprint unlock.

## 3. OPERATING YOUR DEVICE

---

### 3.1 Power Management

- **Power On/Off:** Press and hold the Power button, then select 'Power off' or 'Restart'.
- **Screen Lock/Unlock:** Briefly press the Power button to turn the screen on or off. Use your configured security method (fingerprint, PIN, pattern) to unlock.

### 3.2 Display and Navigation

The Motorola G64 5G features a 6.5-inch FHD+ display with a 120Hz refresh rate for smooth visuals.

- **Touch Gestures:** Navigate the interface using taps, swipes, and pinch-to-zoom gestures.
- **Settings:** Access device settings by swiping down from the top of the screen to open the Quick Settings panel, then tapping the gear icon, or by finding the 'Settings' app in your app drawer.

### 3.3 Camera Usage

The device is equipped with a 50MP main camera with OIS and an 8MP ultra-wide/macro lens, along with a 16MP front camera.

1. Open the 'Camera' application.
2. Select your desired mode (Photo, Portrait, Video, etc.) from the options.
3. Tap the shutter button to capture a photo or start/stop video recording.
4. Utilize OIS for stable photos and videos, and Quad Pixel technology for improved low-light performance.



Figure 3.1: Rear view of the Motorola G64 5G, highlighting the camera system.

### 3.4 Connectivity

- **Wi-Fi:** Connect to wireless networks via Settings > Network & internet > Internet.
- **Bluetooth:** Pair with Bluetooth devices like headphones or speakers via Settings > Connected devices > Connection preferences > Bluetooth.
- **5G Connectivity:** The device supports 5G networks for faster data speeds, subject to network availability.

### 3.5 Storage and Memory

The Motorola G64 5G comes with 12GB of RAM and 256GB of internal storage. RAM can be expanded up to 24GB using RAM Boost, and storage can be expanded up to 1TB with a microSD card.

- **RAM Boost:** This feature uses a portion of your internal storage to act as additional RAM, improving multitasking performance. It can be managed in Settings.
- **Managing Storage:** View and manage your storage usage in Settings > Storage.

## 4. MAINTENANCE AND CARE

---

### 4.1 Battery Care

The 6000mAh battery provides extended usage. To maximize battery life:

- Avoid extreme temperatures.
- Use the provided TurboPower 33W charger for optimal charging speed.
- Enable battery saver mode when battery is low.
- Close unused applications running in the background.

### 4.2 Software Updates

Regular software updates provide new features, security enhancements, and bug fixes. It is recommended to keep your device's software up to date.

- Check for updates in Settings > System > System updates.
- Ensure your device is connected to Wi-Fi and has sufficient battery charge before performing an update.

### 4.3 Cleaning and Handling

The Motorola G64 5G features an IP52 water-repellent design and Corning Gorilla Glass protection.

- Wipe the device with a soft, lint-free cloth.
- Avoid using harsh chemicals or abrasive materials.
- While water-repellent, avoid submerging the device in water.

## 5. TROUBLESHOOTING

---

This section addresses common issues you might encounter with your Motorola G64 5G.

| Problem               | Solution                                                                                                                                                                                     |
|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Device not turning on | Ensure the battery is charged. Connect to the charger for at least 15 minutes, then try powering on. If unresponsive, perform a force restart by holding the Power button for 10-15 seconds. |

| Problem                               | Solution                                                                                                                                                                     |
|---------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Poor battery life                     | Check for background apps consuming power. Reduce screen brightness, disable unused connectivity features (Wi-Fi, Bluetooth, GPS), and consider enabling battery saver mode. |
| Connectivity issues (Wi-Fi/Bluetooth) | Toggle Wi-Fi/Bluetooth off and on. Restart the device. Forget and reconnect to the network/device. Ensure you are within range.                                              |
| Camera not working                    | Restart the camera app or the device. Clear the camera app's cache and data in Settings > Apps > Camera > Storage. Ensure no other app is using the camera.                  |
| Apps crashing or freezing             | Close and reopen the app. Clear the app's cache. Ensure the app is updated to the latest version. If the issue persists, uninstall and reinstall the app.                    |

## 6. TECHNICAL SPECIFICATIONS

| Feature            | Specification                                                   |
|--------------------|-----------------------------------------------------------------|
| Operating System   | Android 14                                                      |
| Processor          | MediaTek Dimensity 7025 Octa-core (2.5 GHz)                     |
| RAM                | 12 GB (expandable up to 24 GB with RAM Boost)                   |
| Internal Storage   | 256 GB (UFS 2.2)                                                |
| Expandable Storage | Up to 1 TB via microSD card                                     |
| Display            | 6.5-inch FHD+ (1920 x 1080)                                     |
| Refresh Rate       | 120 Hz                                                          |
| Rear Camera        | 50 MP (OIS) + 8 MP (Ultra-wide/Macro)                           |
| Front Camera       | 16 MP                                                           |
| Battery Capacity   | 6000 mAh                                                        |
| Charging           | TurboPower 33W                                                  |
| Connectivity       | 5G, Wi-Fi, Bluetooth, USB Type-C                                |
| Audio              | Stereo Speakers with Dolby Atmos, No headphone jack             |
| Sensors            | Fingerprint Scanner, Accelerometer, Light Sensor, GPS (GLONASS) |
| Dimensions (LxWxH) | 16.18 x 7.43 x 0.86 cm                                          |
| Weight             | 420 g                                                           |
| Water Protection   | IP52 Water-Repellent Design                                     |
| Protection         | Corning Gorilla Glass                                           |

## 7. WARRANTY AND SUPPORT

Motorola products are covered by a limited warranty. For specific warranty terms and conditions, please refer to the warranty card included with your product or visit the official Motorola support website.

For further assistance, technical support, or to find service centers, please visit the official Motorola support page:

[Visit the Motorola Store on Amazon.in](#)

You may also find helpful resources and FAQs on the Motorola support portal.

Ask a Question About This Manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question