

[Manuals.plus](#) /

› [Motorola](#) /

› Motorola Moto G (2025) User Manual

Motorola PB5X0004US

Motorola Moto G (2025) User Manual

Model: PB5X0004US

1. OVERVIEW

The Motorola Moto G (2025) is a versatile smartphone designed for cinematic entertainment and high-quality photography. It features a super-bright 6.7-inch 120Hz display with powerful stereo speakers and Bass Boost for an immersive audio-visual experience. Capture stunning photos and videos with its 50MP Quad Pixel camera system. Enjoy seamless performance with superfast 5G connectivity, a MediaTek Dimensity 6300 chipset, and up to 12GB of RAM with RAM Boost. The device is equipped with a long-lasting 5000mAh battery and supports TurboPower charging for quick power-ups. Its stylish design features a durable vegan leather finish and water-repellent properties, complemented by Corning Gorilla Glass 3 for enhanced screen protection.



Figure 1.1: Front and back view of the Motorola Moto G (2025) in Forest Gray.

2. WHAT'S IN THE BOX

Upon unboxing your Motorola Moto G (2025), you should find the following items:

- Motorola Moto G (2025) Device
- USB Cable (for charging and data transfer)
- User Guide (this manual)
- SIM Tray Ejector Tool

3. DEVICE LAYOUT

Familiarize yourself with the physical components of your Moto G (2025):





Figure 3.1: Front View. Features the 6.7-inch display and front-facing camera.





Figure 3.2: Back View. Shows the 50MP Quad Pixel camera system and Motorola logo.



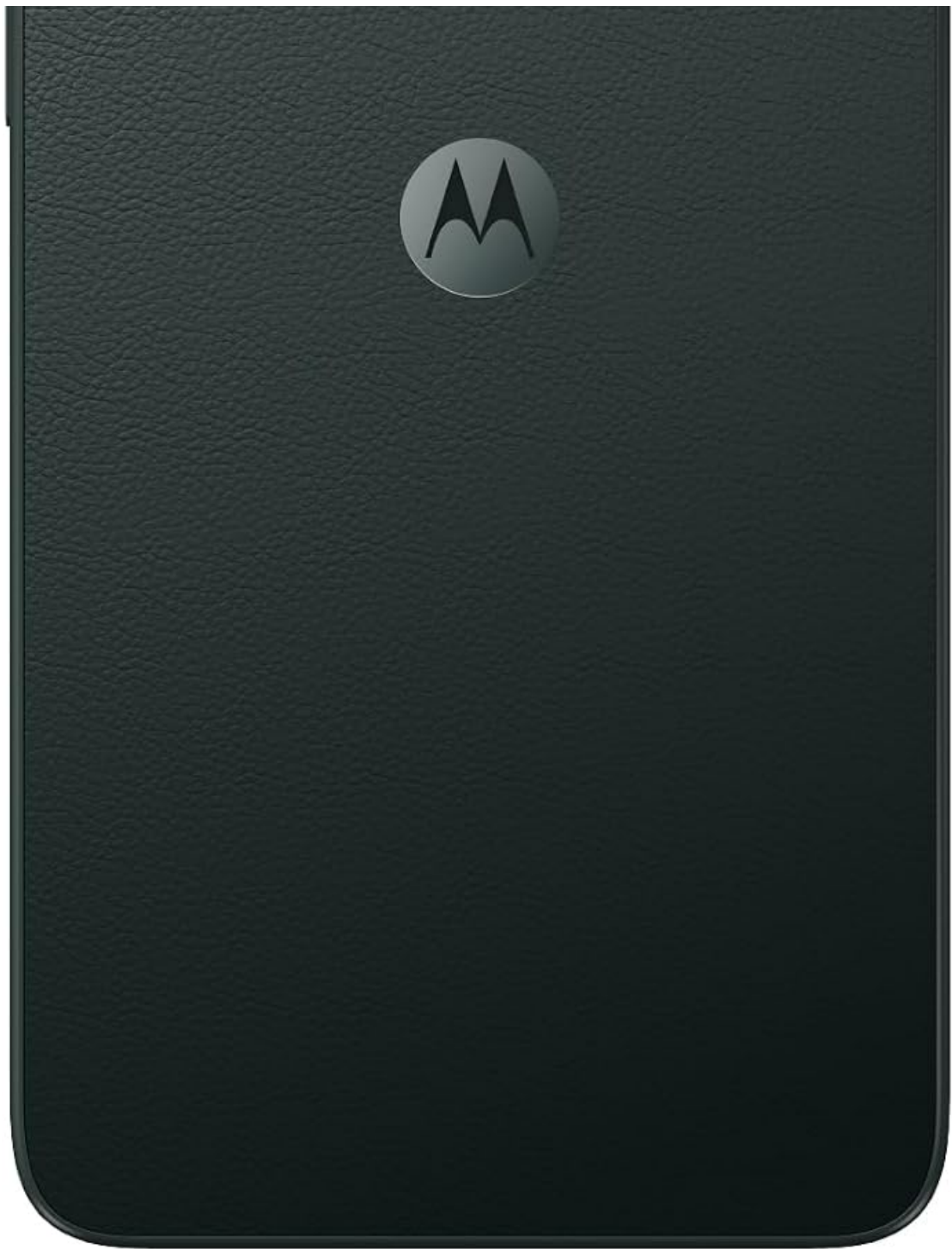


Figure 3.3: Side View. Includes power button (with integrated fingerprint sensor) and volume buttons.





Figure 3.4: Bottom View. Features the USB-C charging port, 3.5mm audio jack, and speaker grille.

4. SETUP

4.1 Inserting the SIM Card

1. Locate the SIM tray on the side of your device.
2. Insert the SIM tray ejector tool into the small hole next to the tray and press firmly until the tray pops out.
3. Place your Nano-SIM card(s) and/or microSD card into the tray with the gold contacts facing down. Ensure they are correctly seated.
4. Gently push the tray back into the slot until it clicks into place.

4.2 Powering On and Initial Configuration

1. Press and hold the Power button (located on the side) until the Motorola logo appears on the screen.
2. Follow the on-screen prompts to select your language, connect to a Wi-Fi network, and set up your Google account.
3. You will be guided through setting up security features like fingerprint unlock and face unlock.

5. OPERATING YOUR DEVICE

5.1 Display and Interaction

The Moto G (2025) features a 6.7-inch HD+ (1604 x 720) display with a 120Hz refresh rate for smooth scrolling and visuals. The screen is protected by Corning Gorilla Glass 3, offering enhanced scratch resistance.

5.2 Performance

Powered by the MediaTek Dimensity 6300 chipset with a 2.4 GHz Octa-core CPU, the Moto G (2025) delivers superfast 5G performance. It comes with 4GB of physical RAM, expandable up to 12GB using RAM Boost technology, which utilizes internal storage as virtual memory. The device offers 128GB of built-in storage, expandable up to 1TB via a microSD card.

5.3 Camera Features

The device is equipped with a versatile camera system:

- **Rear Camera:** 50MP Quad Pixel sensor with f/1.8 aperture, designed for sharper photos in various lighting conditions.
- **Macro Camera:** 2MP dedicated macro lens for detailed close-up shots.
- **Front Camera:** 16MP front-facing camera with f/2.4 aperture for high-quality selfies and video calls.

Both front and rear cameras support up to 1080p HD video recording.

5.4 Battery Life and Charging

The Moto G (2025) is powered by a 5000mAh battery, providing extended usage on a single charge. It supports 30W TurboPower charging, allowing for hours of power in just minutes. A Motorola TurboPower 30W charger or higher (sold separately) is required for maximum charging speed.

5.5 Connectivity

This unlocked device is compatible with all major U.S. carriers, including Verizon, AT&T, and T-Mobile. It supports 5G network connectivity, Wi-Fi, Bluetooth, USB, and NFC for various wireless and wired connections.

5.6 Software

The Moto G (2025) runs on Android 15, offering a clean and intuitive user experience. Motorola provides two years of major software updates and three years of security updates for this model.

6. MAINTENANCE

The Moto G (2025) features a water-repellent design, which creates a barrier to help protect against moderate exposure to fresh water, such as spills, splashes, or light rain. It is **not** designed to be submerged in water or exposed to pressurized water or other liquids; water repellency may diminish over time. It is not waterproof. To maintain your device's appearance and functionality:

- Clean the screen with a soft, lint-free cloth.
- Avoid exposing the device to extreme temperatures.
- Use only approved charging accessories.

7. TROUBLESHOOTING

If you encounter issues with your Moto G (2025), try the following common troubleshooting steps:

- **Device unresponsive:** Press and hold the Power button for about 10-15 seconds to force a restart.
- **App crashes:** Clear the app's cache and data in Settings > Apps, or uninstall and reinstall the app.
- **Connectivity issues:** Toggle Wi-Fi or Bluetooth off and on, or restart your device. For cellular issues, ensure your SIM card is properly inserted and contact your carrier.
- **Battery drain:** Check battery usage in Settings > Battery to identify apps consuming excessive power. Adjust screen brightness and disable unnecessary features.

8. SPECIFICATIONS

Feature	Detail
Model Name	Moto G - 2025
Item Model Number	PB5X0004US
Operating System	Android 15
Display Size	6.7 Inches
Display Resolution	HD+ (1604 × 720) 263ppi
Refresh Rate	120 Hz
Processor	MediaTek Dimensity 6300 (2.4 GHz Octa-core CPU)
RAM	4 GB (expandable up to 12 GB with RAM Boost)
Internal Storage	128 GB
Expandable Memory	Up to 1 TB via microSD card
Rear Camera	50MP Quad Pixel
Front Camera	16MP

Feature	Detail
Battery Capacity	5000 mAh
Charging	30W TurboPower charging
Connectivity	5G, Bluetooth, Wi-Fi, USB, NFC
Audio Jack	3.5 mm
Special Features	Stereo Speakers, Dual SIM, Always On Display, Built-In GPS, Mobile Hotspot Capability
Dimensions	0.32 x 3 x 6.58 inches
Item Weight	9.1 ounces

9. WARRANTY AND SUPPORT

Your Motorola Moto G (2025) comes with a standard manufacturer's warranty. For detailed warranty information, including terms and conditions, please refer to the warranty card included in your product packaging or visit the official Motorola support website. For technical assistance, troubleshooting, or service inquiries, please contact Motorola customer support. **Motorola Support:** www.motorola.com/us/support

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

