Saved from manuals.plus.
Open the live page for links to other documents and user manuals.

Motorola XT2507-1

Motorola Moto Edge 60 Pro 5G Ai User Manual

Model: XT2507-1 | Brand: Motorola

1. Introduction

The Motorola Moto Edge 60 Pro 5G Ai is a powerful smartphone designed to deliver an exceptional user experience. It features advanced camera capabilities, a vibrant display, and robust performance, making it suitable for a wide range of applications from photography to daily communication. This manual provides detailed instructions on setting up, operating, maintaining, and troubleshooting your device.



Figure 1.1: Motorola Moto Edge 60 Pro 5G Ai, showcasing its sleek design and camera module.

2. What's in the Box

Upon unboxing your Motorola Moto Edge 60 Pro 5G Ai, please verify that all the following items are included:

- Motorola Moto Edge 60 Pro 5G Ai Smartphone
- Power Adapter
- USB Cable
- Phone Case
- Quick Start Guide (not included in this manual)

3. Setup

3.1 SIM Card Installation

The Motorola Moto Edge 60 Pro 5G Ai supports Dual Nano SIM cards. To install your SIM card(s):

1. Locate the SIM tray on the side of your device.
2. Insert the SIM ejector tool (not included) into the small hole on the SIM tray to open it.
3. Place your Nano SIM card(s) into the tray with the gold contacts facing down. Ensure they are correctly oriented.
4. Gently push the SIM tray back into the slot until it is flush with the device.

3.2 Initial Power On and Network Compatibility

To power on your device for the first time, press and hold the power button until the Motorola logo appears. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.
Important Network Compatibility Information for USA Buyers: This phone is GSM Unlocked and is designed to work with GSM carriers. It is **not compatible** with CDMA carriers. Please refer to the compatibility chart below:



Figure 3.1: Network compatibility for the Motorola Moto Edge 60 Pro 5G Ai in the USA.

Compatible Carriers (USA): T-Mobile, Metro PCS, Mint Mobile, Tello, Ultra, and other carriers that use T-Mobile towers.
Not Compatible Carriers (USA): Verizon, Sprint, Boost, Cricket, Xfinity, AT&T, Virgin Mobile, Visible, and other CDMA networks.

3.3 Charging the Device

Connect the provided USB cable to the power adapter and then to your phone's USB-C port. Plug the power adapter into a wall outlet. The device features a 6000 mAh battery and supports fast charging.

4. Operating Your Device

4.1 Basic Navigation

Your Moto Edge 60 Pro 5G Ai runs on Android 15. Navigate the interface using touch gestures: tap to select, swipe to scroll, pinch to zoom. The power button is located on the side, and volume buttons are typically adjacent to it.

4.2 Security Features

Enhance your device security using the following features:

- **On-screen Fingerprint Reader:** Register your fingerprints for quick and secure unlocking.
- **Face Unlock:** Use facial recognition to unlock your device.
- **ThinkShield & Moto Secure:** Motorola's integrated security features to protect your data and privacy.

4.3 Moto AI and Smart Connect

The device integrates advanced AI capabilities and connectivity features:

- **Moto AI with NEXT MOVE:** Provides personalized and contextual suggestions to streamline your daily tasks.
- **Smart Connect:** Seamlessly operate your tablet with your PC (Cross Control), transfer app activities to a bigger screen (Swipe to Stream), and share files across devices (File Transfer).





Figure 4.1: Smart Connect features for seamless device interaction.



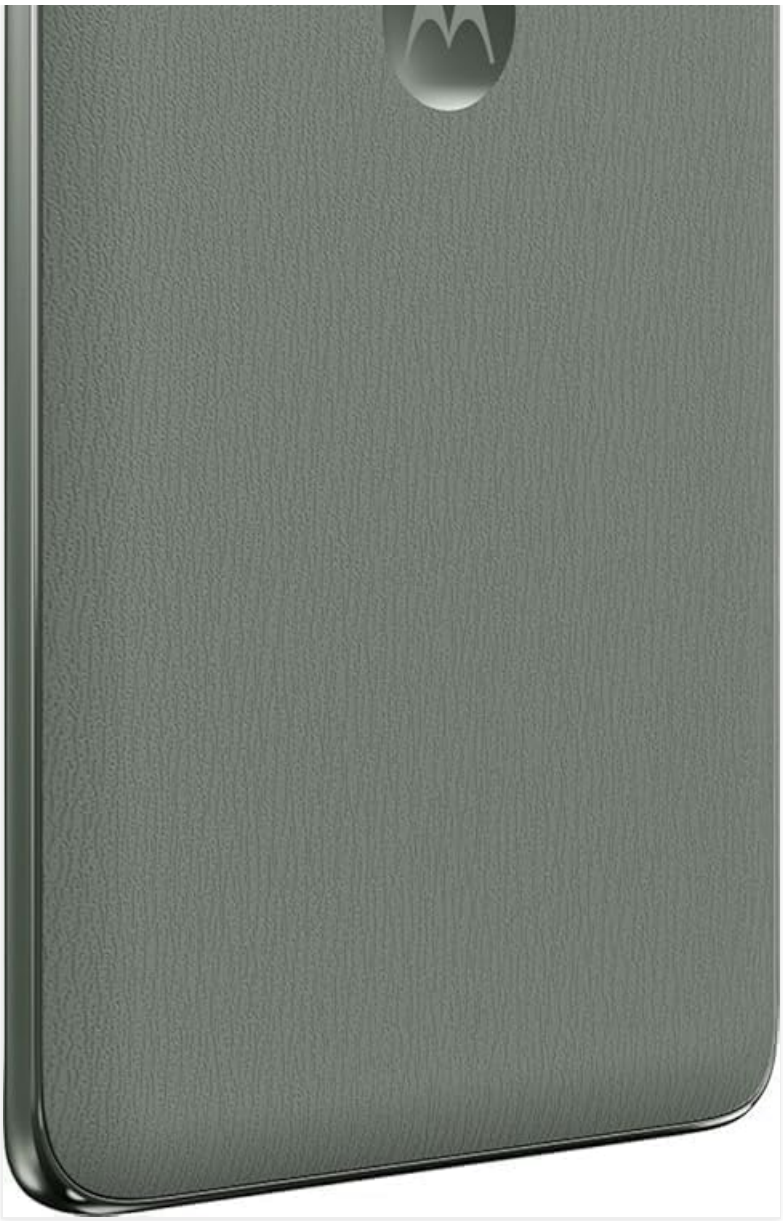


Figure 4.2: Moto AI Assistant capabilities, including NEXT MOVE and contextual suggestions.

5. Camera Features

The Moto Edge 60 Pro 5G Ai is equipped with a versatile triple camera system and a high-resolution front camera, enhanced by AI for superior image and video quality.

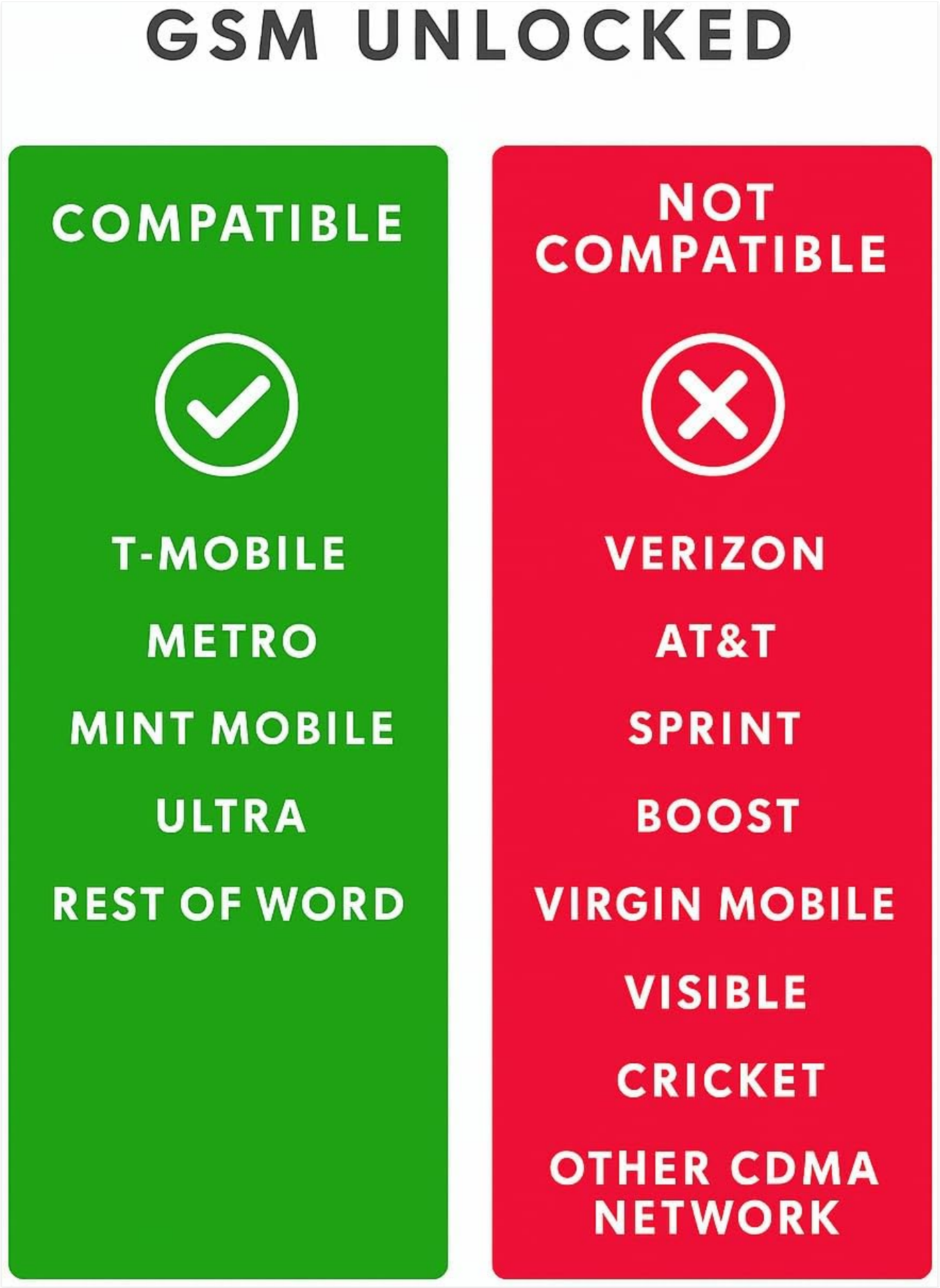


Figure 5.1: Rear camera module of the Motorola Moto Edge 60 Pro 5G Ai.

5.1 Rear Camera System

- **Main Camera:** 50 MP with 1/1.55" optical format, f/1.4 aperture, 1.0 µm pixel size (2.0 µm with Quad Pixel Technology). Features Omni-directional PDAF and Optical Image Stabilization (OIS). Utilizes the Sony LYTIA™ 700C sensor for

enhanced light and detail.

- **Ultrawide Camera:** 13 MP (120° FOV) with Macro Vision, f/2.2 aperture, 1.12 µm pixel size, and autofocus.
- **Telephoto Camera:** 10 MP with 3x Optical Zoom, f/2.0 aperture, 1.0 µm pixel size, autofocus, and Optical Image Stabilization (OIS).
- **Additional Features:** Laser autofocus (time-of-flight) and a 3-in-1 Sensor (exposure, auto white balance, flicker) for optimal lighting.

5.2 Front Camera

- **Resolution:** 50 MP with f/1.9 aperture, 0.64 µm pixel size (1.28 µm with Quad Pixel Technology) and autofocus.
- **Alternative Front Camera:** 50 MP with f/2.0, 92° FOV, and Quad Pixel Technology for 2.0 µm pixels.

5.3 AI-Powered Camera Enhancements

The Photo Enhancement Engine and AI features optimize your photos and videos:

- **AI Action Shot:** Keeps your shots smooth and steady, ideal for capturing moving subjects.
- **AI Signature Style:** Automatically tunes colors, contrast, and lighting for a professional look.
- **AI Adaptive Stabilisation:** Stabilizes moving objects in your videos and photos.
- **AI Group Shot:** Ensures everyone in a group photo is in focus.
- **Dynamic Bokeh:** Intelligently enhances depth for professional-looking portraits with customizable blur and focal lengths.





Figure 5.2: AI-powered camera features for enhanced photography.

6. Display and Audio

Experience immersive visuals and sound with the Moto Edge 60 Pro 5G Ai's advanced display and audio technologies.



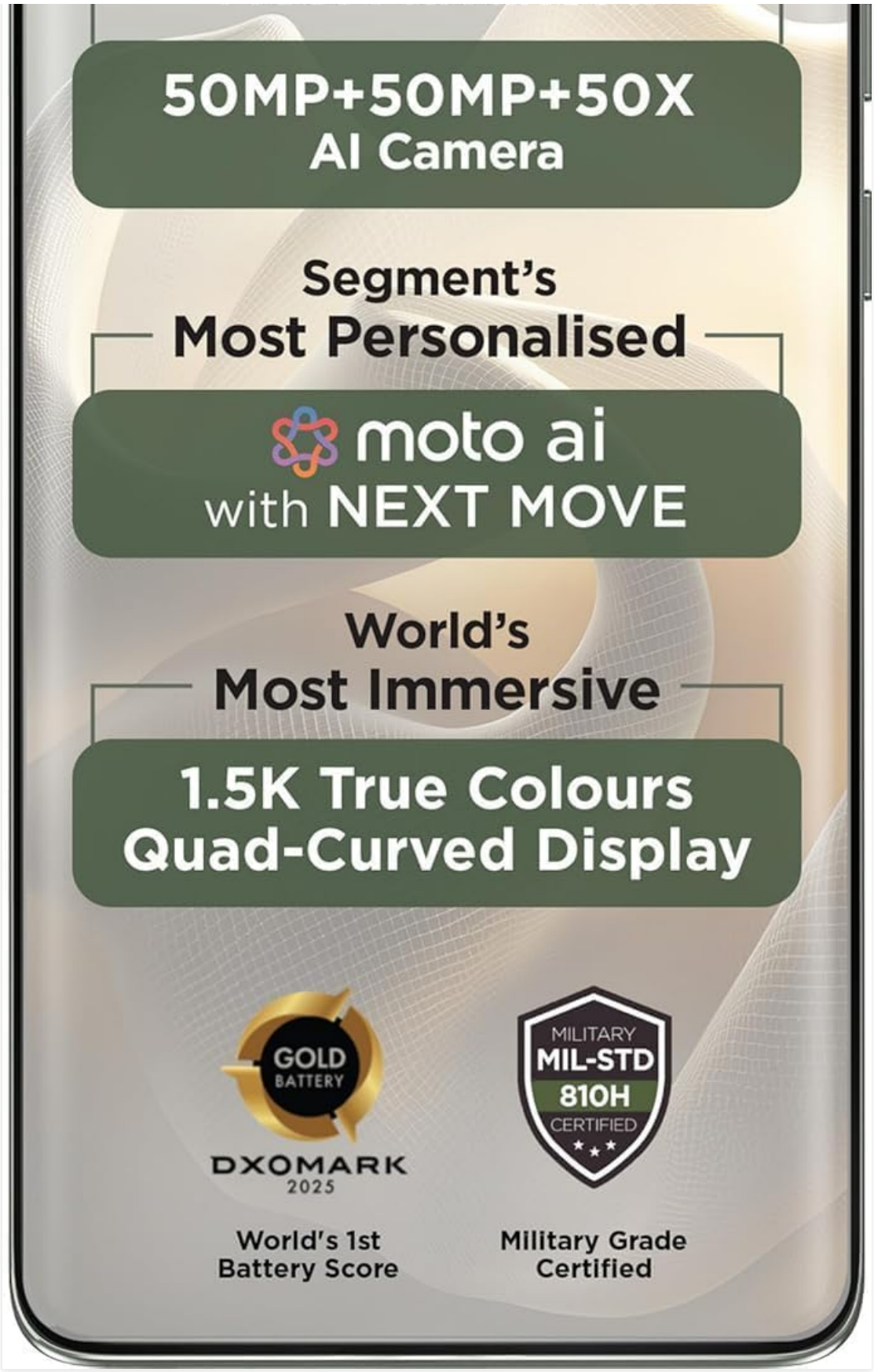


Figure 6.1: The vibrant pOLED display of the Motorola Moto Edge 60 Pro 5G Ai.

- **Display Size:** 6.7 inches borderless pOLED display.
- **Resolution:** Super HD (1220p) with 4500 nits peak brightness.
- **Color & Clarity:** HDR10+, over a billion shades of color, 100% DCI-P3 color space, Pantone Validated color, and Pantone Skintone Validated.
- **Refresh Rate:** 120 Hz refresh rate for smooth scrolling and gaming.
- **Touch Rate:** 300 Hz touch rate (gaming mode) for responsive interactions.

- **Dimming:** 720 Hz PWM Dimming / DC Dimming.
- **Eye Comfort:** SGS Low Blue Light and SGS Low Motion Blur certifications.
- **Audio:** Immersive Dolby Atmos® sound for an enhanced entertainment experience.

7. Performance

The Motorola Moto Edge 60 Pro 5G Ai is engineered for ultra-fast performance and efficient multitasking.

- **Processor:** MediaTek Dimensity 8350 Extreme chipset, an ultra-efficient 4nm-class chip. Features an Octa-core CPU with 4 x Arm Cortex-A715 cores up to 3.35 GHz, Arm Mali-G615 MC6 GPU, and MediaTek NPU 780 (multi-core).
- **RAM:** Up to 12GB of next-gen RAM for effortless app switching and smooth operation.
- **Storage:** Up to 512GB UFS 4.0 storage for ample space for apps, photos, and videos.
- **Thermal Management:** Advanced thermal management system to keep the device cool during intensive use.

8. Connectivity

The device offers comprehensive connectivity options for reliable communication and data transfer.

- **Cellular Technology:** Supports 5G, 4G LTE, 3G, and 2G networks.
- **5G Bands:** n1/2/3/5/7/8/20/26/28/38/40/41/66/77/78
- **4G Bands:** 1/2/3/4/5/7/8/12/13/17/18/19/20/26/28/32/38/39/40/41/42/43/48/66
- **3G Bands:** B1/2/4/5/8
- **2G Bands:** B2/3/5/8
- **Wireless Connectivity:** Wi-Fi, Bluetooth, NFC (Near Field Communication).
- **Wired Connectivity:** USB-C port for charging and data transfer.

9. Maintenance

Proper care and maintenance will extend the lifespan of your Motorola Moto Edge 60 Pro 5G Ai.

- **Water and Dust Protection:** The device is rated IP68 & IP69 for dust and water protection, and is Military-grade certified (MIL-STD-810H) for durability. While resistant, avoid intentional submersion or exposure to high-pressure water.
- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body. Avoid abrasive materials or harsh chemicals.
- **Battery Care:** To optimize battery life, avoid extreme temperatures and fully discharging the battery frequently.
- **Software Updates:** Keep your device's software updated to ensure optimal performance and security.

10. Troubleshooting

If you encounter issues with your device, try the following common troubleshooting steps:

- **Device Unresponsive:** Press and hold the power button for about 10-15 seconds to force a restart.
- **Network Issues:** Verify your SIM card is correctly inserted. Check your network compatibility (refer to Section 3.2). Toggle Airplane Mode on and off. If issues persist, contact your mobile carrier.
- **App Crashing:** Clear the cache and data for the problematic app in Settings > Apps. If the issue continues, uninstall and reinstall the app.
- **Battery Draining Quickly:** Reduce screen brightness, disable unnecessary background apps, and turn off Wi-Fi/Bluetooth when not in use.
- **Storage Full:** Delete unnecessary files, clear app caches, or transfer data to cloud storage or a computer.

11. Specifications

Detailed technical specifications for the Motorola Moto Edge 60 Pro 5G Ai:

Feature	Specification
Model Name	Moto EDGE 60 PRO 5G (XT2507-1)
Operating System	Android 15
Processor	MediaTek Dimensity 8350 Extreme (Octa-core)
Display Size	6.7 Inches
Display Technology	pOLED, Super HD (1220p), 120 Hz Refresh Rate
RAM	12 GB
Internal Storage	512 GB UFS 4.0
Rear Camera	50 MP Main (OIS), 13 MP Ultrawide/Macro, 10 MP Telephoto (3x Optical Zoom, OIS)
Front Camera	50 MP
Battery Capacity	6000 Milliamp Hours (Nonstandard Battery)
Connectivity	5G, Bluetooth, NFC, USB-C, Wi-Fi
Water & Dust Protection	IP68 & IP69, MIL-STD-810H Certified
Dimensions	7 x 4 x 2 inches (Package)
Item Weight	14 ounces
Color	Pantone Shadow Gray

12. Warranty and Support

Your Motorola Moto Edge 60 Pro 5G Ai comes with a standard manufacturer's warranty. For specific warranty terms and conditions, please refer to the documentation included with your purchase or visit the official Motorola support website.
For technical support, troubleshooting assistance, or to find service centers, please visit the official Motorola support page or contact their customer service. You can find more information and resources on the Motorola Store on Amazon.

© 2025 Motorola. All rights reserved. Information in this manual is subject to change without notice.

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

Answered questions about this manual

Where can I find the Greek language version of the Motorola Moto Edge 60 Pro 5G Ai (XT2507-1) user manual?

The manual currently available on this page for the Motorola Moto Edge 60 Pro 5G Ai (XT2507-1) is provided in English. However, you can access Greek language support and documentation through the following methods:...

Read full answer

Open the live page

https://manuals.plus/asin/B0FKCZF8J4

More documents and user manuals: **https://manuals.plus/**