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## Xiaomi

# Xiaomi 14T Ai 5G User Manual

Model: MZB0HFSEU

## INTRODUCTION

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This manual provides comprehensive instructions for the operation, maintenance, and troubleshooting of your Xiaomi 14T Ai 5G smartphone. Designed for global use, this device features advanced camera capabilities co-engineered with Leica, a high-refresh-rate display, and robust performance for a seamless user experience. The Xiaomi 14T Ai 5G is equipped with a 50MP Triple Pro Leica Camera, a 6.67-inch 144Hz display, and a powerful MediaTek Dimensity 8300-Ultra processor, ensuring exceptional performance and photographic quality.

## SETUP

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### 1. Unboxing and Initial Inspection

Upon opening the package, verify that all components are present and undamaged. The standard package contents include the Xiaomi 14T smartphone, a USB Type-C charging cable, a phone case, and documentation. Note that a power adapter is not included and must be purchased separately. A 67W power adapter is recommended for optimal charging.



Figure 1: Xiaomi 14T Box Contents. The image displays the phone, a USB cable, a protective case, and user manuals laid out next to the phone's packaging box.

## 2. SIM Card and eSIM Installation

The Xiaomi 14T supports Dual Nano SIM 5G and eSIM functionality. To install a physical Nano SIM card, locate the SIM tray on the side of the device. Use the provided SIM ejector tool to open the tray. Insert the Nano SIM card(s) into the designated slots with the gold contacts facing down. Gently push the tray back into the device until it clicks into place.

For eSIM activation, navigate to the device's network settings and follow the on-screen instructions provided by your mobile carrier. Ensure your device is connected to a Wi-Fi network during eSIM setup.

## 3. Initial Power On and Setup

Press and hold the power button located on the side of the device until the Xiaomi logo appears. The device will boot into the initial setup wizard. Follow the prompts to select your language, region, connect to a Wi-Fi network, and sign in with your Google account. You will also be guided through setting up security features such as fingerprint unlock and a screen lock (PIN, pattern, or password).

## 4. Charging the Device

Connect the USB Type-C cable to the charging port at the bottom of the phone and the other end to a compatible power adapter (sold separately). The device supports 67W HyperCharge for rapid charging. The battery indicator on the screen will show charging progress. For optimal battery longevity, avoid fully discharging the battery frequently.



Figure 2: Key Features Overview. This image highlights the 67W HyperCharge capability, showing the phone connected to a charger with energy flowing into it, alongside other features like the Leica optical lens, 144Hz AI display, and premium AI experience.

## OPERATING INSTRUCTIONS

### 1. Display Features

The Xiaomi 14T features a 6.67-inch AMOLED display with a resolution of 2712 x 1220 pixels (446ppi). It boasts a next-generation 144Hz AI display, providing incredibly smooth scrolling and visual fluidity. The display supports up to 4000 nits peak brightness, 68 billion colors, DCI-P3 color gamut, and 3840 PWM dimming for comfortable viewing in various lighting conditions. Features like TrueColor display, Original color Pro, Adaptive colors, and Reading mode enhance the visual experience.

### 2. Performance

Powered by the MediaTek Dimensity 8300-Ultra 4nm power-efficient manufacturing process, the Xiaomi 14T delivers robust performance. The CPU configuration includes 1x Cortex-A715 up to 3.35GHz, 3x Cortex-A715 up to 3.2GHz, and 4x Cortex-A510 up to 2.2GHz. Graphics are handled by the Arm Mali-G615 MC6 GPU, and AI tasks are accelerated by the MediaTek NPU 780. This hardware ensures smooth multitasking, responsive application

usage, and capable gaming performance.

### 3. Camera System

The device features a triple-lens camera system co-engineered with Leica, offering versatile photographic capabilities:

- **Leica Main Camera:** 50MP with Sony's IMX906 image sensor, 2.0µm 4-in-1 Super Pixel,  $f/1.7$  aperture, OIS, and 23mm equivalent focal length.
- **Leica Telephoto Camera:** 50MP with  $f/1.9$  aperture and 50mm equivalent focal length.
- **Ultra-Wide Camera:** 12MP with  $f/2.2$  aperture, 15mm equivalent focal length, and 120° FOV.

Rear camera photography features include two Leica photographic styles (Leica Authentic Look, Leica Vibrant Look), Leica filters, classic shutter sound, and a Leica-lens system (35mm Documentary, 50mm Swirly bokeh, 75mm Portrait, and 90mm Soft focus lenses). Advanced features like Xiaomi Motion tracking focus, eye tracking focus, motion capture, Xiaomi ProCut, Lightning Burst, and Night mode (wide/ultra-wide/telephoto) are also available. The **32MP in-display selfie camera** ( $f/2.0$ , 80.8° FOV) supports Night mode, HDR, Portrait mode, Palm shutter, Voice shutter, Timed burst, Selfie timer, and Screen flashlight. Front camera video recording supports 4K at 30 fps, and 1080p/720p at 30/60 fps.



Figure 3: Xiaomi 14T Camera System. The image highlights the phone's rear camera module, emphasizing the Leica branding and the arrangement of its multiple lenses.

## 4. Connectivity

The Xiaomi 14T offers extensive connectivity options:

- **5G Network Support:** Supports NSA + SA 5G bands (n1/2/3/5/7/8/12/20/25/26/28/38/40/41/48/66/75/77/78).
- **4G LTE:** FDD (B1/2/3/4/5/7/8/12/13/17/18/19/20/25/26/28/32/66) and TDD (B38/39/40/41/42/48).
- **Wi-Fi:** Wi-Fi 6E capability, Dual band Simultaneous, supports 2x2 MIMO, 8x8 Sounding for MU-MIMO, WiFi Direct.
- **Bluetooth:** Bluetooth 5.4, supports AAC/SBC/LDAC/LHDC.
- **Navigation:** GPS (L1+L5), Galileo (E1+E5a), GLONASS (G1), Beidou, NavIC (L5), A-GPS supplementary positioning.
- **NFC:** For contactless payments and data transfer.

## 5. AI Features

The Xiaomi 14T integrates advanced AI capabilities, including:

- Circle to Search with Google
- Google Gemini
- AI Interpreter
- AI Notes
- AI Recorder
- AI Subtitles
- AI Film
- AI image editing
- AI Portrait

## 6. Sensors

The device is equipped with a comprehensive set of sensors for enhanced functionality:

- Fingerprint sensor (under display, optical)
- Accelerometer
- Proximity sensor
- Gyroscope
- Compass
- Color spectrum sensor
- 360° Ambient light sensor
- Linear motor
- IR blaster
- Flicker sensor

## MAINTENANCE

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### 1. Battery Care

The Xiaomi 14T is equipped with a 5000mAh (typical) battery. To maximize battery lifespan, avoid exposing the device to extreme temperatures. It is recommended to keep the battery charge between 20% and 80% for daily use.

Utilize the 67W HyperCharge feature when rapid charging is necessary, but regular overnight charging at a slower rate can also be beneficial.

## 2. Software Updates

Your device runs on HyperOS based on Android 14. Regularly check for and install system updates to ensure optimal performance, security, and access to new features. Updates can be found in the device settings under "About phone" > "System update."

## 3. Cleaning Your Device

To clean the screen and body of your Xiaomi 14T, use a soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid using harsh chemicals, abrasive materials, or excessive moisture, as these can damage the device.

## TROUBLESHOOTING

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This section addresses common issues you might encounter with your Xiaomi 14T Ai 5G.

### 1. Device Not Powering On

- Ensure the battery is charged. Connect the device to a charger for at least 15 minutes before attempting to power it on again.
- Perform a forced restart by holding the power button for approximately 10-15 seconds.

### 2. Poor Network Connectivity

- Check if Airplane Mode is enabled. Disable it if it is.
- Restart the device.
- Verify that your SIM card is properly inserted.
- Reset network settings: Go to Settings > Connection & sharing > Reset Wi-Fi, mobile networks, and Bluetooth.
- Contact your mobile carrier to confirm service availability in your area and check for any account issues.

### 3. Apps Crashing or Freezing

- Clear the cache and data for the problematic app: Go to Settings > Apps > Manage apps, select the app, then choose "Clear data" > "Clear cache" and "Clear all data."
- Update the app to its latest version from the Google Play Store.
- Ensure your device's operating system is up to date.
- If the issue persists, uninstall and reinstall the app.

### 4. Battery Draining Quickly

- Check battery usage in Settings > Battery to identify apps consuming excessive power.
- Reduce screen brightness and set a shorter screen timeout.
- Disable unnecessary features like Wi-Fi, Bluetooth, GPS, and NFC when not in use.
- Close background apps.
- Limit background data usage for apps.

## SPECIFICATIONS

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Feature	Detail
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Feature	Detail
Model Name	14T
Model Number	MZB0HFSEU
Dimensions	6.32 x 2.96 x 0.31 inches
Weight	6.9 ounces
Operating System	HyperOS Base on Android 14
Display	6.67-inch AMOLED, 2712 x 1220 resolution, 144Hz refresh rate, 4000 nits peak brightness
Processor	MediaTek Dimensity 8300-Ultra (4nm)
RAM	12 GB
Internal Storage	512 GB (specific model)
Rear Camera	50MP Main (Leica), 50MP Telephoto (Leica), 12MP Ultra-Wide
Front Camera	32MP
Battery Capacity	5000 mAh (typical)
Charging	67W HyperCharge (adapter sold separately)
Connectivity	5G, Dual Nano SIM + eSIM, Wi-Fi 6E, Bluetooth 5.4, NFC, GPS
Sensors	Fingerprint (under display), Accelerometer, Proximity, Gyro, Compass, Color Spectrum, Ambient Light, Linear Motor, IR Blaster, Flicker Sensor

## WARRANTY AND SUPPORT

For detailed warranty information and support, please refer to the official Xiaomi website or contact Xiaomi customer service. This international model may not carry a warranty in the US. Please consult your point of purchase for specific warranty terms and conditions.

Online resources, FAQs, and community forums are also available on the official Xiaomi support portal to assist with common queries and technical assistance.