

Xiaomi 24117RN76L

Xiaomi Redmi Note 14 4G LTE User Manual

Model: 24117RN76L

1. INTRODUCTION

Welcome to the user manual for your new Xiaomi Redmi Note 14 4G LTE smartphone. This guide provides essential information to help you set up, operate, and maintain your device. The Redmi Note 14 4G LTE is designed to offer a balanced experience with strong performance, a high-quality camera, and extended battery life.

Key features include a vibrant 6.67-inch AMOLED display with a 120Hz refresh rate, a powerful Helio G99-Ultra processor, and a versatile 108MP AI camera system. Its durable design features Corning Gorilla Glass 5 for enhanced screen protection and supports touch control even with wet fingers.

2. WHAT'S IN THE BOX

Upon unboxing your Xiaomi Redmi Note 14 4G LTE, please ensure all the following items are present:

- Xiaomi Redmi Note 14 4G LTE Smartphone
- Wall Adapter
- USB Cable
- SIM Tray Ejector
- Fast Car Charger



Image: Front view of the Xiaomi Redmi Note 14 4G LTE smartphone.

3. SETUP GUIDE

3.1. SIM Card Installation

The Redmi Note 14 4G LTE supports dual SIM cards or one SIM and a MicroSD card. To install your SIM card(s):

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 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.

3.2. Initial Power On and Setup

To power on your device for the first time:

1. Press and hold the Power button (located on the right side) until the Xiaomi logo appears.
2. Follow the on-screen prompts to select your language, region, and connect to a Wi-Fi network.
3. Sign in with your Google account or create a new one to access Google services and the Play Store.
4. Set up your preferred screen lock method (PIN, pattern, password, fingerprint, or face unlock).
5. Complete the setup process to begin using your device.



Image: Side view of the Xiaomi Redmi Note 14 4G LTE, highlighting the SIM tray and power/volume buttons.

4. OPERATING YOUR DEVICE

4.1. Display Features

The Redmi Note 14 4G LTE features a 6.67-inch AMOLED display with a resolution of 2400 x 1080 pixels. Enjoy smooth visuals with a 120Hz refresh rate and responsive interactions with a 240Hz touch sampling rate. The display offers up to 1800 nits peak brightness, ensuring clear visibility even in direct sunlight. It is protected by Corning Gorilla Glass 5, providing enhanced scratch resistance. The device also supports accurate touch recognition even with wet or oily fingers.

4.2. Performance

Powered by the Helio G99-Ultra processor (6nm manufacturing process, Octa-core up to 2.2GHz) and Mali-G57 MC2 GPU, coupled with 6GB of RAM, the device handles daily tasks, multitasking, and moderate gaming with ease. Apps open quickly, and switching between them is seamless, providing a fluid user experience.

4.3. Camera System

Capture stunning photos and videos with the versatile triple camera system:

- **108MP Main Camera:** Features 0.64µm pixel size (9-in-1 to 1.92µm), f/1.7 aperture, 6P lens, and a 1/1.67-inch sensor size for detailed and vibrant images in various lighting conditions.
- **2MP Depth Camera:** f/2.4 aperture for enhanced portrait mode with natural background blur.
- **2MP Macro Camera:** f/2.4 aperture for close-up shots with fine detail.
- **Front Camera:** 20MP sensor (1/4-inch sensor size, f/2.2 aperture, 4P lens) for high-quality selfies and video calls.

Video recording capabilities include 1080p at 60fps/30fps and 720p at 30fps for both rear and front cameras.



Image: A user holding the Xiaomi Redmi Note 14 4G LTE, demonstrating its camera use.

4.4. Battery Life

Equipped with a 5500 mAh Lithium Polymer battery, the Redmi Note 14 4G LTE provides extended usage on a single charge, easily lasting through a full day of heavy use. The device supports fast charging to quickly get you back to full power.

5. CONNECTIVITY

The Redmi Note 14 4G LTE offers comprehensive connectivity options:

- **Network:** Supports 4G LTE (Bands 1/2/3/4/5/7/8/20/28, TDD Band 38/40/41), 3G WCDMA (Bands 2/4/5/8), and 2G GSM (Quad Band). Designed for use on T-Mobile, Mint, Tello, or any T-Mobile network in the USA.
- **Wi-Fi:** 802.11a/b/g/n/ac, supports 2.4GHz and 5GHz Wi-Fi, and Wi-Fi Direct.
- **Bluetooth:** Version 5.3 for efficient wireless connections.
- **GPS:** L1, A-GPS supplementary positioning, GLONASS (G1), BDS (B1I), Galileo E1, Electronic compass, Wireless network, Data network, and Sensor Assisted Positioning.
- **Sensors:** Proximity sensor, Ambient light sensor, Accelerometer, Electronic compass, IR blaster, Gyroscope.
- **Audio Jack:** 3.5 mm.

6. SPECIFICATIONS

| Feature | Specification |
|-------------------------|--|
| Brand | Xiaomi |
| Model Name | Note 14 4G |
| Item Model Number | 24117RN76L |
| Operating System | Hyper OS Based on Android 14 |
| Display Size | 6.67 Inches AMOLED |
| Resolution | 2400 x 1080 |
| Refresh Rate | Up to 120Hz |
| Peak Brightness | 1800 nits |
| Processor | Helio G99-Ultra (Octa-core, up to 2.2GHz) |
| RAM | 6 GB |
| Memory Storage Capacity | 128 GB |
| Main Camera | 108MP + 2MP + 2MP Triple Camera |
| Front Camera | 20MP |
| Battery Capacity | 5500 Milliamp Hours (mAh) |
| Connectivity | 4G LTE, Wi-Fi (802.11a/b/g/n/ac), Bluetooth 5.3, GPS |

| | |
|--------------------|---|
| Special Features | Dual SIM, Corning Gorilla Glass 5, Wet Finger Touch Control |
| Product Dimensions | 5.91 x 3.94 x 5.91 inches |
| Item Weight | 13 ounces |
| Color | Black |

7. MAINTENANCE

To ensure the longevity and optimal performance of your Xiaomi Redmi Note 14 4G LTE, follow these maintenance guidelines:

- **Keep it Clean:** Regularly wipe your phone with a soft, lint-free cloth. Avoid harsh chemicals or abrasive materials.
- **Software Updates:** Install system updates as they become available to benefit from the latest features, security patches, and performance improvements.
- **Battery Care:** Avoid extreme temperatures. Do not let the battery drain completely frequently, and avoid keeping it at 100% charge for extended periods.
- **Storage Management:** Periodically clear unnecessary files, cache, and uninstall unused apps to free up storage space and maintain smooth operation.
- **Protect from Damage:** Use a protective case and screen protector to guard against drops and scratches.

8. TROUBLESHOOTING

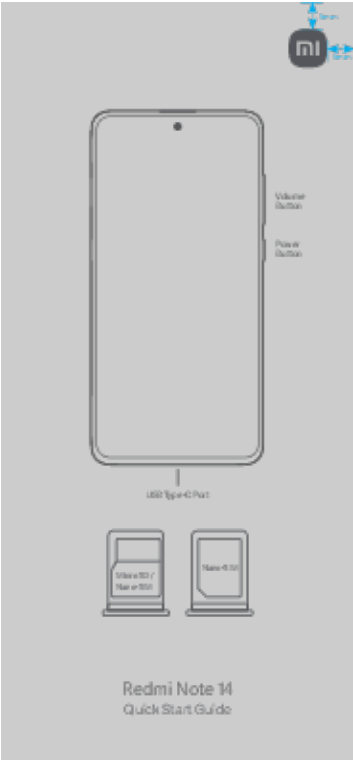
If you encounter issues with your device, refer to the following common troubleshooting steps:

- **Device Not Powering On:** Ensure the battery is charged. Connect the phone to its charger for at least 15 minutes, then try powering it on again. If it still doesn't turn on, perform a forced restart by holding the Power button for about 10-15 seconds.
- **Apps Crashing or Freezing:** Close the problematic app and reopen it. If the issue persists, clear the app's cache and data in Settings > Apps. As a last resort, uninstall and reinstall the app.
- **Poor Network Connectivity:** Check if Airplane Mode is off. Restart your device. Verify your SIM card is properly inserted. If issues persist, contact your mobile carrier.
- **Battery Draining Quickly:** Reduce screen brightness, disable unused features like Bluetooth or GPS, and close background apps. Check battery usage in Settings to identify power-hungry apps.
- **Touchscreen Unresponsive:** Restart the device. If the issue is localized, ensure the screen is clean and free of moisture. If the problem persists, a factory reset might be necessary (back up your data first).

9. WARRANTY AND SUPPORT

Your Xiaomi Redmi Note 14 4G LTE comes with a standard manufacturer's warranty. Please refer to the warranty card included in your product packaging for specific terms and conditions, including warranty period and coverage details. Keep your proof of purchase for warranty claims.

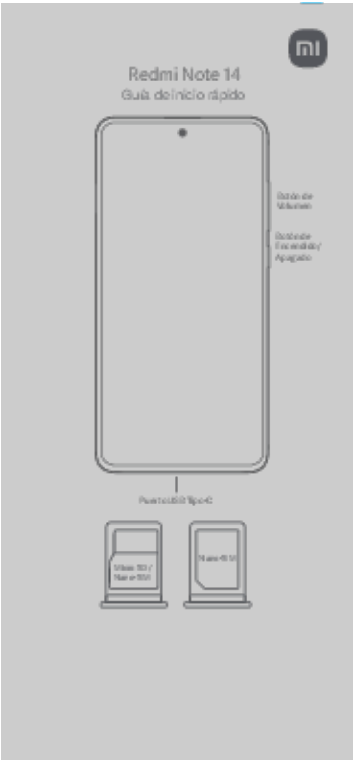
For further assistance, technical support, or to explore additional products, please visit the official Xiaomi website or contact their customer service. You can also visit the [Xiaomi Store on Amazon](#) for more information and product offerings.



[Redmi Note 14 Quick Start Guide and Safety Information](#)

This document provides a quick start guide and essential safety information for the Redmi Note 14 smartphone, including setup instructions, regulatory compliance details (FCC, EU), and important warnings for safe usage.

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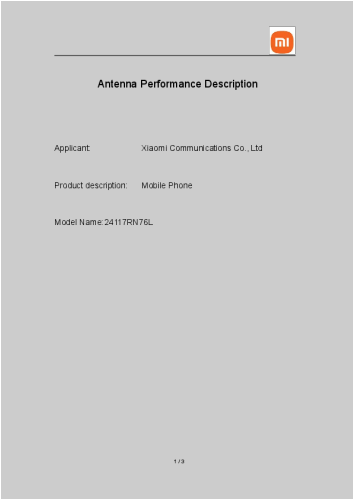
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Redmi Note 14 Soporte Guía de Usuario Xiaomi Chile O7L V1 0 20241114 gl123 alsqp0 mi fds O7

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Redmi Note 14 Gua de inicio rpido Botn de Volumen Botn de Encendido/ Apagado Puerto USB Tipo-C M ... mmunications Co., Ltd. declara que este telefono celular GSM/GPRS/EDGE/UMTS/LTE con Bluetooth y WiFi **24117RN76L** est en cumplimiento con los requerimientos esenciales y otras provisiones relevantes de D...

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m Antenna report Xiaomi Communications Co Ltd RN76L Mobile Phone 2AFZZRN76L rn76l
Antenna Performance Description Applicant: Xiaomi Communications Co., Ltd
Product description: Mobile Phone Model Name:**24117RN76L** 1/3 1. Antenna
information Antenna ANT7 Antenna Type PIFA Antenna Manufacturer Kun Shan
Luxshare Communication Technology Co., Ltd. ---No.158, Jinchang Road, Ji...
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[pdf] Guide

Redmi Note 14 Xiaomi Colombia Sitio Oficial de O7L A 20241114 gl123 alsqp0 mi fds O7 1
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Redmi Note 14 Gua de inicio rpido y tarjeta de garanta Botn de Volumen Botn de
Encendido/ Apa ... mmunications Co., Ltd. declara que este telefono celular
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cumplimiento con los requerimientos esenciales y otras provisiones relevantes de D...
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cumplimiento con los requerimientos esenciales y otras provisiones relevantes de D...
lang:es score:20 filesize: 315.88 K page_count: 10 document date: 2024-11-12



[pdf] Test Report

DELL BL SZ2480911 605 DFS Xiaomi Communications Co Ltd RN76L Mobile Phone 2AFZZRN76L rn76L
Report No.: BL-SZ2480911-605 TEST REPORT Applicant: Address: Equipment
Type: Model Name: Brand Nam ... th Floor, Building 6, 33 Xi erqi Middle Road,
Haidian District, Beijing, China, 100085 Mobile Phone **24117RN76L** Redmi
2AFZZRN76L 47 CFR Part 15 Subpart E refer to section 3.1 Aug. 19, 2024 Aug. 31,
2...
lang:en score:18 filesize: 710.42 K page_count: 23 document date: 2024-10-18

Report No.: BL-SZ2480911-401

TEST REPORT

Applicant: Xiaomi Communications Co., Ltd.
Address: #019, 9th Floor, Building 6, 33 Xiang Middle Road, Haidian District, Beijing, China, 100085
Equipment Type: Mobile Phone
Model Name: 24117RN76L
Brand Name: Redmi

Test Standard:
FCC ID:
Sample Arrival Date: Sep. 10, 2024
Test Date: Sep. 12, 2024 - Sep. 23, 2024
Date of Issue: Oct. 17, 2024

ISSUED BY: Shenzhen BALUN Technology Co., Ltd.

Tested by: Li Junfeng **Checked by:** Liu Zhenxiang **Approved by:** Sunny Zou (Technical Director)

Li Junfeng *Liu Zhenxiang* *Sunny Zou*

Tel: +86-755-88801992 E-mail: info@balun.com Page No: 1
Web: www.balun.com Template No.: T001-C02 Part 13.247 (2023-01-12)
Add: Block B, 15, Shuang Shuang and Technology Park, Shuang Shuang Road, Nanhai District, Shenzhen, Guangdong Province, P. R. China

[pdf] Test Report

DELL BL SZ2480911 401 JBP Xiaomi Communications Co Ltd RN76L 2AFZZRN76L rn76L
Report No.: BL-SZ2480911-401 TEST REPORT Applicant: Address: Equipment
Type: Model Name: Brand Nam ... th Floor, Building 6, 33 Xi erqi Middle Road,
Haidian District, Beijing, China, 100085 Mobile Phone **24117RN76L** Redmi 47 CFR
Part 15 Subpart B ANSI C63.4-2014 2AFZZRN76L Sep. 10, 2024 Sep. 12, 2024 - S...
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Report No.: BL-SZ2480911-601

TEST REPORT

Applicant: Xiaomi Communications Co., Ltd.
Address: #019, 9th Floor, Building 6, 33 Xiang Middle Road, Haidian District, Beijing, China, 100085
Equipment Type: Mobile Phone
Model Name: 24117RN76L
Brand Name: Redmi
FCC ID: 2AFZZRN76L
Test Standard: (refer to section 3.1)
Sample Arrival Date: Aug. 19, 2024
Test Date: Aug. 31, 2024 - Sep. 18, 2024
Date of Issue: Oct. 17, 2024

ISSUED BY: Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingxuan **Checked by:** Ye Hongli **Approved by:** Sunny Zou (Technical Director)

Yu Yingxuan *Ye Hongli* *Sunny Zou*

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DELL BL SZ2480911 601 DSS Xiaomi Communications Co Ltd RN76L Mobile Phone 2AFZZRN76L rn76L
Report No.: BL-SZ2480911-601 TEST REPORT Applicant: Address: Equipment
Type: Model Name: Brand Nam ... th Floor, Building 6, 33 Xi erqi Middle Road,
Haidian District, Beijing, China, 100085 Mobile Phone **24117RN76L** Redmi
2AFZZRN76L 47 CFR Part 15 Subpart C refer to section 3.1 Aug. 19, 2024 Aug. 31,
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Report No.: BL-SZ2480911-602

TEST REPORT

Applicant: Xiaomi Communications Co., Ltd.
Address: #019, 9th Floor, Building 6, 33 Xiang Middle Road, Haidian District, Beijing, China, 100085
Equipment Type: Mobile Phone
Model Name: 24117RN76L
Brand Name: Redmi
FCC ID: 2AFZZRN76L
Test Standard: (refer to section 3.1)
Sample Arrival Date: Aug. 19, 2024
Test Date: Aug. 31, 2024 - Sep. 18, 2024
Date of Issue: Oct. 17, 2024

ISSUED BY: Shenzhen BALUN Technology Co., Ltd.

Tested by: Yu Yingxuan **Checked by:** Ye Hongli **Approved by:** Sunny Zou (Technical Director)


Yu Yingxuan *Ye Hongli* *Sunny Zou*

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[pdf] Test Report

DELL BL SZ2480911 602 DTS BLE Xiaomi Communications Co Ltd RN76L 2AFZZRN76L rn76L
Report No.: BL-SZ2480911-602 TEST REPORT Applicant: Address: Equipment
Type: Model Name: Brand Nam ... th Floor, Building 6, 33 Xi erqi Middle Road,
Haidian District, Beijing, China, 100085 Mobile Phone **24117RN76L** Redmi
2AFZZRN76L 47 CFR Part 15 Subpart C refer to section 3.1 Aug. 19, 2024 Aug. 31,
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Report No.: BL-SZ2480911-603



TEST REPORT

Applicant:

Xiaomi Communications Co., Ltd.

Address:

#019, 9th Floor, Building 6, 33 Xiang Middle Road,
Haidian District, Beijing, China, 100085

Equipment Type:

Mobile Phone

Model Name:

24117RN76L

Brand Name:

Redmi

FCC ID:

2AFZZRN76L

Test Standard:

47 CFR Part 15 Subpart C
(refer to section 3.1)

Sample Arrival Date:

Aug. 19, 2024

Test Date:

Aug. 31, 2024–Oct. 12, 2024

Date of Issue:

Oct. 17, 2024

ISSUED BY:

Shenzhen BALUN Technology Co., Ltd.

Tested by:


Yu Yingyuan


Checked by:


Ye Hongli


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Sample No.: 100-FCC Part 15 Sub C (2023-01-10)

Address: 10, Qianli Science and Technology Park, Shuangli Road, Shenzhen (Guangdong Province), P. R. China

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Microsoft Word BL-SZ2480911-603 DTS test report WLAN 2 4G EE WLAN2 Xiaomi Communications Co Ltd RN76L 2AFZZRN76L rn76l

Report No.: BL-SZ2480911-603 TEST REPORT Applicant: Address: Equipment Type: Model Name: Brand Nam ... th Floor, Building 6, 33 Xi erqi Middle Road, Haidian District, Beijing, China, 100085 Mobile Phone **24117RN76L** Redmi 2AFZZRN76L 47 CFR Part 15 Subpart C refer to section 3.1 Aug. 19, 2024 Aug. 31, 2...

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