

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

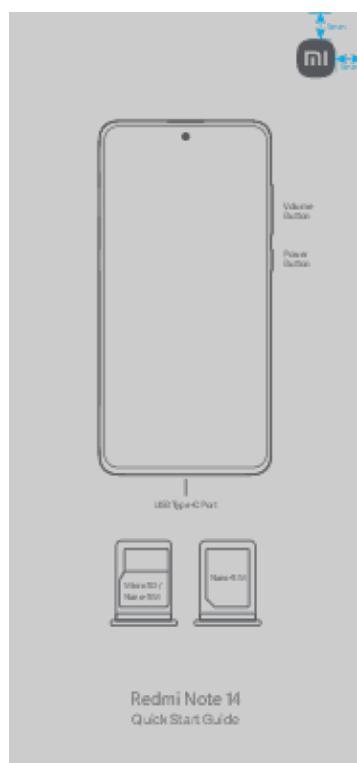
If you encounter issues with your device, refer to the following common troubleshooting steps:

- **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.

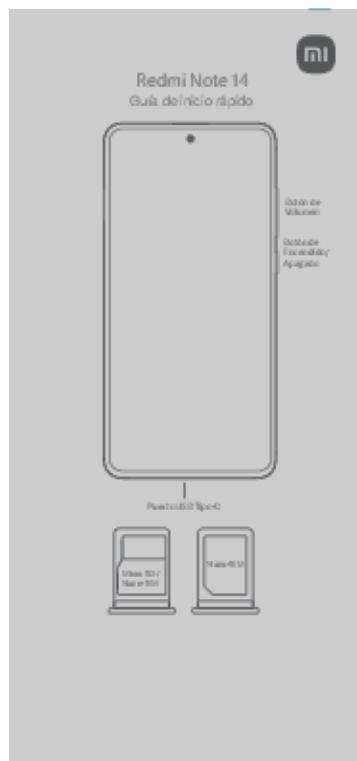
For further assistance, technical support, or to explore additional products, please visit the official Xiaomi website or contact their customer service. You can also visit the [Xiaomi Store on Amazon](#) for more information and product offerings.



[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.

lang:en score:31 filesize: 469.63 K page\_count: 6 document date: 2024-10-18



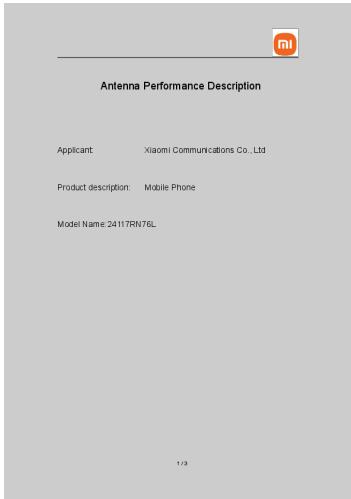
[\[pdf\] Guide](#)

Redmi Note 14 Soporte Guía de Usuario Xiaomi Chile O7L

V1 0 20241114 gl123 alsgp0 mi fds O7

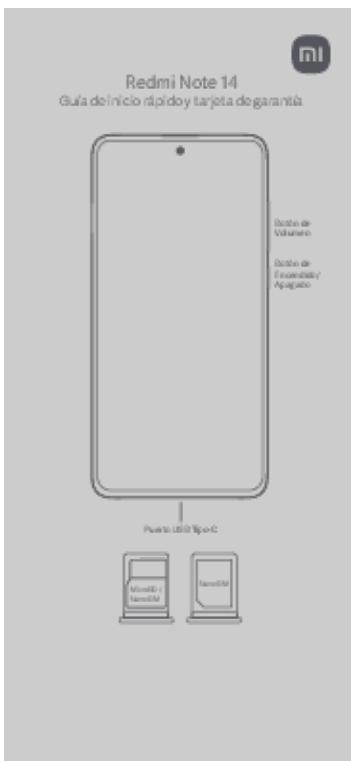
1 |||

Redmi Note 14 Guía de inicio rápido Botón de Volumen Botón de Encendido/ Apagado Puerto USB Tipo-C M... mmunications Co., Ltd. declara que este teléfono celular GSM/GPRS/EDGE/UMTS/LTE con Bluetooth y WiFi **24117RN76L** est en cumplimiento con los requerimientos esenciales y otras provisiones relevantes de D...  
lang:es score:21 filesize: 905.13 K page\_count: 16 document date: 2024-11-12



[\[pdf\]](#)

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...  
lang:de **score:20** filesize: 324.33 K page\_count: 3 document date: 2024-10-18



[\[pdf\]](#) Guide

Redmi Note 14 Xiaomi Colombia Sitio Oficial de O7L A 20241114 gl123 alsdp0 mi fds O7 1  
III  
Redmi Note 14 Guía de inicio rpidoy tarjeta de garantía Botn de Volumen Botn de  
Encendido/ Apa ... mmunications Co., Ltd. declara que este telfono celular  
GSM/GPRS/EDGE/UMTS/LTE con Bluetooth y WiFi **24117RN76L** est en  
cumplimiento con los requerimientos esenciales y otras provisiones relevantes de D...  
lang:es **score:20** filesize: 357.14 K page\_count: 6 document date: 2024-11-12



### [\[pdf\] Guide](#)

Redmi Note 14 Xiaomi México O7L DDP V1 0 20241114 gl123 alsdp0 mi fds O7 1 |||  
Redmi Note 14 Gua de inicio rpido Botn de Volumen Botn de Encendido/ Apagado  
Puerto USB Tipo ... mmunications Co., Ltd. declara que este telfono celular  
GSM/GPRS/EDGE/UMTS/LTE con Bluetooth y WiFi **24117RN76L** est en  
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 rn76I  
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:** #0109, 9th Floor, Building 6, 33 Xiangqi 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 Zhenxing   Approved by: Sunny Zou  
(Technical Director)

*Li JunFeng*   *Liu zhenxing*   *Sunny Zou*

Page No. / 1 / 39  
Tel: +86-10-68950000   Email: info@tigrouptech.com  
Web: www.tigrouptech.com   Template No.: TMR-FOC Part 15.247 (2023.01.12)  
Add: Block B, 1st, Baita Science and Technology Park, Shuke X Road, Haidian District, Shenzhen, Guangdong Province, P.R. China

Report No. BL-SZ2480911-401

**TEST REPORT**

**Applicant:** Xiaomi Communications Co., Ltd.  
**Address:** #0109, 9th Floor, Building 6, 33 Xiangqi Middle Road, Haidian District, Beijing, China, 100085  
**Equipment Type:** Mobile Phone  
**Model Name:** 24117RN76L  
**Brand Name:** Redmi

**FCC ID:** 2A1FZRN76L  
**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*

Page No. / 1 / 39  
Tel: +86-10-68950000   Email: info@tigrouptech.com  
Web: www.tigrouptech.com   Template No.: TMR-FOC Part 15.247 (2023.01.12)  
Add: Block B, 1st, Baita Science and Technology Park, Shuke X Road, Haidian District, Shenzhen, Guangdong Province, P.R. China

Report No. BL-SZ2480911-402

**TEST REPORT**

**Applicant:** Xiaomi Communications Co., Ltd.  
**Address:** #0109, 9th Floor, Building 6, 33 Xiangqi Middle Road, Haidian District, Beijing, China, 100085  
**Equipment Type:** Mobile Phone  
**Model Name:** 24117RN76L  
**Brand Name:** Redmi

**FCC ID:** 2A1FZRN76L  
**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*

Page No. / 1 / 74  
Tel: +86-10-68950000   Email: info@tigrouptech.com  
Web: www.tigrouptech.com   Template No.: TMR-FOC Part 15.247 (2023.01.12)  
Add: Block B, 1st, Baita Science and Technology Park, Shuke X Road, Haidian District, Shenzhen, Guangdong Province, P.R. China

## [pdf] Test Report

DELL BL SZ2480911 401 JBP Xiaomi Communications Co Ltd RN76L 2AFZRN76L 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 2AFZRN76L Sep. 10, 2024 Sep. 12, 2024 - S...  
lang:en **score:17** filesize: 1.13 M page\_count: 36 document date: 2024-10-18

## [pdf] Test Report

DELL BL SZ2480911 601 DSS Xiaomi Communications Co Ltd RN76L Mobile Phone 2AFZRN76L 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  
2AFZRN76L 47 CFR Part 15 Subpart C refer to section 3.1 Aug. 19, 2024 Aug. 31,  
2...  
lang:en **score:13** filesize: 2.73 M page\_count: 70 document date: 2024-10-18

## [pdf] Test Report

DELL BL SZ2480911 602 DTS BLE Xiaomi Communications Co Ltd RN76L 2AFZRN76L 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  
2AFZRN76L 47 CFR Part 15 Subpart C refer to section 3.1 Aug. 19, 2024 Aug. 31,  
2...  
lang:en **score:13** filesize: 5.37 M page\_count: 74 document date: 2024-10-18

## TEST REPORT

Applicant: Xiaomi Communications Co., Ltd.  
Address: A0109, 9th Floor, Building 6, 33 Xiangji 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 Hongji      Approved by: Sunny Zou  
(Technical Director)

Ye Yingyuan

Ye Hongji

Sunny Zou

## [pdf] Test Report

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 Name ... 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...

lang:en score:11 filesize: 3.68 M page\_count: 93 document date: 2024-10-18