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nubia nubia Z70 Ultra

nubia Z70 Ultra 5G Android Smartphone User Manual

Model: nubia Z70 Ultra

1. INTRODUCTION

This user manual provides comprehensive instructions for the safe and efficient operation of your nubia Z70 Ultra 5G Android Smartphone. Please read this manual thoroughly before using your device to ensure optimal performance and to prevent damage.

The nubia Z70 Ultra is a high-performance 5G smartphone featuring a Snapdragon 8 Elite Mobile Platform, an advanced camera system with a 35mm Adjustable Physical Aperture, and a stunning 144Hz AMOLED display with Under Display Camera (UDC) technology. It is designed for robust daily use with IP68 and IP69 water and dust resistance.

2. PACKAGE CONTENTS

Upon opening the package, verify that all items listed below are present and in good condition:

- nubia Z70 Ultra Smartphone x 1
- Screen protector x 1
- Phone case x 1
- Charger x 1 (80W Fast Charging compatible)
- Type-C data cable x 1
- SIM tray ejector x 1

3. INITIAL SETUP

3.1. Inserting the SIM Card

The nubia Z70 Ultra supports dual nano SIM cards. Ensure the device is powered off before inserting or removing SIM cards.

1. Locate the SIM card tray on the side of the 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) into the tray with the gold contacts facing down, ensuring they are correctly aligned.

4. Gently push the tray back into the slot until it is flush with the device.

Important Note: Please confirm your SIM card's frequency bands are included in the supported bands before ordering or using the device to ensure network compatibility. Supported bands include NSA: n41/n77/n78(3.3~3.6GHz)/n38; SA: n41/n77/n78(3.3~3.6GHz)/n1/n3/n5/n8/n28/n2/n7/n40/n66/n38/n25/n20/n26; FDD: B1/2/3/4/5/7/8/12/17/18/19/20/25/26/28/66; TDD: B34/39/40/41/38/42; UMTS: B1/2/4/5/6/8/19; GSM: B2/3/5/8.

3.2. Initial Charge and Power On

Before first use, it is recommended to fully charge your device.

1. Connect the Type-C data cable to the charging port at the bottom of the phone.
2. Connect the other end of the cable to the provided 80W fast charger.
3. Plug the charger into a power outlet. The device will indicate charging status.
4. Once sufficiently charged, press and hold the power button on the side of the device until the nubia logo appears to power it on.



Figure 3.2.1: Illustration of the nubia Z70 Ultra charging. The image highlights the 80W fast charging capability and a 6150 mAh battery,

indicating rapid power replenishment for extended use.

The nubia Z70 Ultra supports 80W fast charging, allowing for quick replenishment of its 5000 mAh battery (typical capacity).

3.3. Screen Protector and Phone Case Application

For enhanced protection, apply the included screen protector and phone case.

- **Screen Protector:** Carefully clean the screen with a microfiber cloth to remove dust and smudges. Align the screen protector with the display and gently apply it, smoothing out any air bubbles.
- **Phone Case:** Snap the provided phone case onto the device, ensuring all edges are securely covered.

4. OPERATING YOUR DEVICE

4.1. Display and Navigation

The nubia Z70 Ultra features a 6.85-inch 144Hz AMOLED display with an Under Display Camera (UDC) for an uninterrupted viewing experience.

Full Screen, Full Speed Ahead

6.85-inch	144Hz	1.5K
AMOLED	Refresh rate	ultra-clear resolution



Figure 4.1.1: Visual representation of the nubia Z70 Ultra's display specifications, highlighting its 6.85-inch AMOLED screen, 144Hz refresh rate, and 1.5K ultra-clear resolution for a superior visual experience.

Navigation is primarily touch-based. Swipe gestures and on-screen buttons are used to interact with the Nebula AIOS operating system.

4.2. Camera System

The device is equipped with an advanced triple camera system and a 16MP front camera.

- **Rear Camera:**

- 50MP main camera (35mm, Sony IMX 9 Series, OIS, Adjustable Physical Aperture F/1.59-F/4.0, QPD)
- 50MP ultra-wide camera (OV50D, AF, 1/2.88 inch, 122°, 6P, F/2.0, Macro 2.5cm)
- 64MP telephoto camera (OV64B, 70mm, OIS, 4P, F/2.48, AF)
- Flicker + Laser Sensor

- **Front Camera:** 16MP (Under Display Camera)

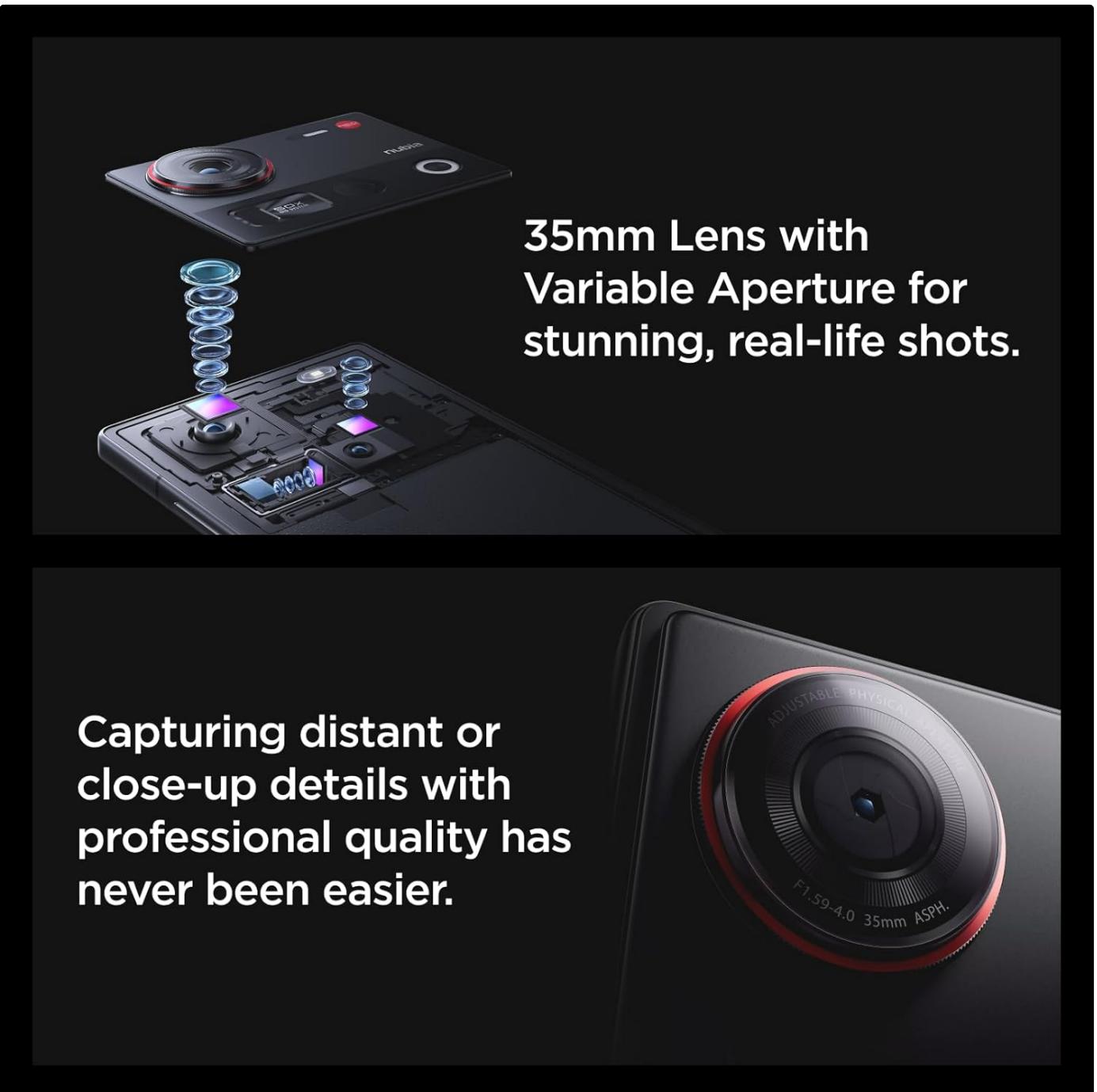


Figure 4.2.1: Close-up view of the nubia Z70 Ultra's 35mm lens with variable aperture, illustrating its capability for stunning, real-life shots and professional-quality detail capture.

To use the camera, open the Camera application. Select desired modes (Photo, Video, Portrait, Pro, etc.) and adjust settings as needed. The adjustable physical aperture on the main camera allows for greater control over depth of field and light intake.

4.3. Nebula AIOS Features

The nubia Z70 Ultra runs on Nebula AIOS, based on Android 15, offering various AI-powered functions.

Effortlessly Intuitive AI-power

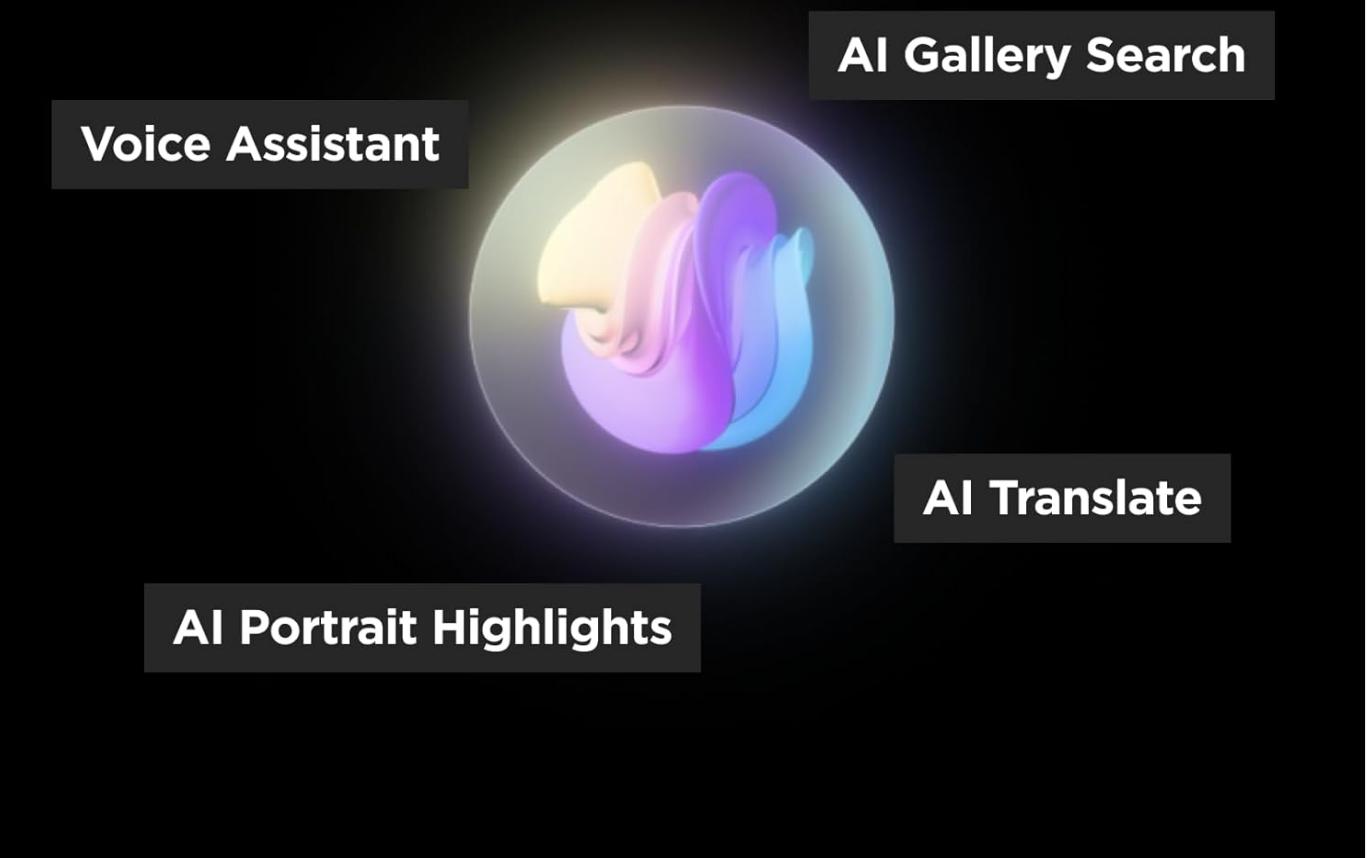


Figure 4.3.1: Diagram illustrating key AI-powered features of Nebula AIOS, including Voice Assistant, AI Gallery Search, AI Translate, and AI Portrait Highlights, designed for intuitive user interaction.

- **Voice Assistant:** Interact with your device using voice commands for various tasks.
- **AI Gallery Search:** Intelligently search and categorize photos in your gallery.
- **AI Translate:** Real-time translation capabilities for text and speech.
- **AI Portrait Highlights:** Enhance portrait photos with AI-driven optimizations and bokeh effects.

4.4. Connectivity

The device supports a wide range of connectivity options:

- **Wi-Fi:** 802.11a/b/g/n/ac/ax/be (Wi-Fi 7 compatible)
- **Bluetooth:** Version 5.4
- **NFC:** For contactless payments and data exchange.
- **Location:** GPS/A-GPS/Beidou/Galileo/GLONASS (L1+L2+L5) for precise navigation.

Access these settings via the 'Settings' application to manage connections.

5. MAINTENANCE AND CARE

5.1. Cleaning Your Device

To maintain the device's appearance and functionality:

- Use a soft, lint-free cloth to wipe the screen and body.
- Avoid using harsh chemicals, abrasive cleaners, or aerosol sprays.
- For stubborn smudges, slightly dampen the cloth with water.

5.2. Water and Dust Resistance

The nubia Z70 Ultra is rated IP68 and IP69 for splash, water, and dust resistance. This means it can withstand immersion in water up to 1.5 meters for 30 minutes and is resistant to high-pressure, high-temperature water jets.

Tackle Any Adventure

The durable design boasts an **IP68** rating and an improved **IP69** rating. Completely **water and dust-proof**, it is **resistant to high temperatures and high-pressure water**. Rain or shine, enjoy your day thanks to a robust build and carefully crafted exterior.



Figure 5.2.1: Image depicting the nubia Z70 Ultra in a water environment, emphasizing its IP68 and IP69 ratings for splash, water, and dust resistance, ensuring durability in various conditions.

While resistant, it is not waterproof. Avoid intentional submersion, exposure to pressurized water, or use in extreme conditions beyond its rating. If the device gets wet, dry it thoroughly before charging or using the ports.

5.3. Battery Care

The device contains a non-removable 5000 mAh battery. To prolong battery life:

- Avoid extreme temperatures.
- Use only the provided charger and cable.
- Do not let the battery completely drain frequently.

6. TROUBLESHOOTING

Problem	Possible Cause	Solution
Device does not power on.	Low battery; software crash.	Charge the device for at least 30 minutes. Press and hold the power button for 10-15 seconds to force restart.
Cannot connect to network (no signal).	SIM card not inserted correctly; out of network coverage; incorrect APN settings.	Reinsert SIM card. Move to an area with better signal. Check network settings or contact your carrier.
Apps are crashing or freezing.	Insufficient RAM; app conflict; outdated app version.	Close background apps. Clear app cache/data. Update apps from the Play Store. Restart the device.
Battery drains quickly.	High screen brightness; many background apps; excessive network usage.	Reduce screen brightness. Close unused apps. Disable WiFi/Bluetooth/GPS when not in use. Check battery usage in settings.
Device is overheating.	Intensive gaming/app usage; charging in hot environment.	Close demanding apps. Disconnect charger if charging. Move to a cooler environment. Avoid direct sunlight.

7. TECHNICAL SPECIFICATIONS

Model Name	nubia Z70 Ultra
Operating System	Nebula AIOS (Based on Android 15)
Processor	Snapdragon 8 Elite Mobile Platform (CPU Speed: 3.2 GHz)
RAM	12 GB (LPDDR5X)
Internal Storage	256 GB (UFS 4.0)
Display	6.85-inch AMOLED, 2688 x 1216 Resolution, 144 Hz Refresh Rate, Under Display Camera
Rear Cameras	50MP Main (35mm, OIS, F/1.59-F/4.0), 50MP Ultra-wide (122°, Macro 2.5cm), 64MP Telephoto (70mm, OIS)

Front Camera	16MP
Battery Capacity	5000 Milliamp Hours (mAh)
Charging	80W Fast Charging (Type-C)
Connectivity	Wi-Fi 802.11a/b/g/n/ac/ax/be (Wi-Fi 7), Bluetooth 5.4, NFC, GPS/A-GPS/Beidou/Galileo/GLONASS
Water & Dust Resistance	IP68 & IP69 Rated
Dimensions (L x W x H)	164.3 x 77.1 x 8.6 mm (6.47 x 3.04 x 0.34 inches)
Weight	228g (0.5 lbs / 1.45 pounds)
SIM Card Type	Dual Nano SIM
Color	Black

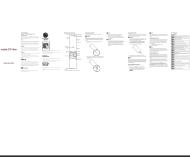
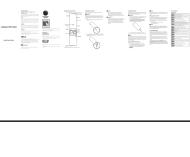
8. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the warranty card included in your product packaging or visit the official nubia website. Keep your proof of purchase for warranty claims.

For additional assistance, you may also visit the [nubia Store on Amazon](#).

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Related Documents - nubia Z70 Ultra

	<p>Nubia Z70 Ultra Quick Start Guide and Safety Information</p> <p>A comprehensive guide for the Nubia Z70 Ultra smartphone, covering setup, basic operations, safety precautions, and regulatory compliance. Includes legal information, trademarks, and essential user guidance.</p>
	<p>nubia Z70S Ultra Quick Start Guide: Setup, Features, and Safety</p> <p>Comprehensive quick start guide for the nubia Z70S Ultra smartphone, covering setup, charging, powering on/off, safety precautions, and RF exposure information.</p>
	<p>Nubia NX729J Quick Start Guide and Specifications</p> <p>Get started with your Nubia NX729J smartphone. This guide covers initial setup, charging, powering on/off, safety information, and technical specifications.</p>

  Quick Start Guide	<p>nubia Flip Quick Start Guide</p> <p>A concise guide to setting up and using your new nubia Flip smartphone, covering initial setup, charging, powering on/off, and essential precautions for foldable phone usage.</p>
	<p>Nubia Z70S Ultra Quick Start Guide</p> <p>A quick start guide for the Nubia Z70S Ultra, covering setup, charging, powering on/off, safety precautions, and regulatory information.</p>
  Benutzerhandbuch	<p>nubia Focus 5G Benutzerhandbuch: Umfassende Anleitung</p> <p>Entdecken Sie das nubia Focus 5G mit dieser detaillierten Anleitung. Erfahren Sie alles über Einrichtung, Funktionen, Sicherheit und Einstellungen für Ihr neues Smartphone von nubia.</p>