

Samsung Galaxy Z Fold6

Samsung Galaxy Z Fold 6 AI Cell Phone User Manual

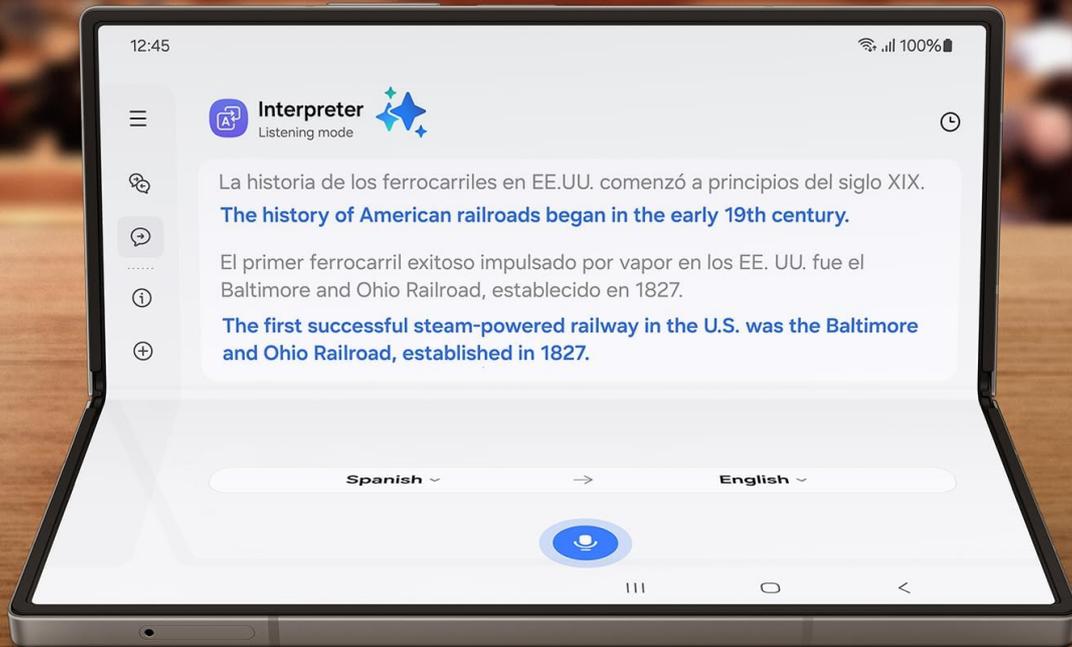
Model: Galaxy Z Fold6

1. INTRODUCTION

The Samsung Galaxy Z Fold 6 is a premium foldable smartphone designed to offer a versatile experience, combining the functionality of a phone and a tablet. It features a refined design, powerful performance, and advanced AI capabilities to enhance your daily tasks and entertainment. This manual will guide you through the essential aspects of using your new device.

Interpreter with Galaxy AI ✨

Real-time translations on a big screen



Requires Samsung account login and language preset (English and Spanish pre-installed; other languages require free download). Results may vary.

Figure 1: Samsung Galaxy Z Fold 6 in its folded, compact form.

2. INITIAL SETUP

2.1 Unboxing and First Power On

Carefully remove your Galaxy Z Fold 6 and its accessories from the packaging. Press and hold the Power button (located on the side) until the Samsung logo appears to power on your device for the first time.

2.2 SIM Card Insertion

Your device supports both physical SIM cards and eSIM. To insert a physical SIM card:

1. Locate the SIM tray on the side of the device.
2. Use the provided ejection pin to open the SIM tray.
3. Place your Nano-SIM card into the tray with the gold contacts facing down.
4. Gently push the tray back into the slot.

For eSIM activation, follow the on-screen instructions during initial setup or refer to your carrier's guidelines.

2.3 Data Transfer

If you are transferring data from an old device, use Samsung Smart Switch. This application allows for seamless

transfer of contacts, messages, photos, and other data.

3. OPERATING YOUR DEVICE

3.1 Folding and Unfolding

The Galaxy Z Fold 6 is designed to be used both folded and unfolded. When folded, the 6.3-inch cover screen provides full smartphone functionality for calls, messages, and quick tasks. Unfold the device to reveal the expansive 7.6-inch main screen for an immersive tablet-like experience.

The infographic is divided into three main sections. The 'Camera' section on the left features a vertical list of camera specifications next to a side view of the phone's rear camera array. The 'Display' section on the top right highlights the screen's brightness and includes a small image of the phone's internal display showing a cityscape. The 'Battery' section on the bottom right features a battery icon and lists playback durations for music and videos.

Camera

Most powerful camera system on a Galaxy Z Fold

- 10MP** Cover
- 4MP** Under Display
- 12MP** Ultra Wide
- 50MP** Wide-angle, 2x Optical Quality Zoom
- 10MP** Telephoto, 3x Optical Zoom

Display

Clear and bright even in daylight

- 2,600 nits**
- 1.5x brighter**

Battery

- 4400 mAh**
- Listen to music up to **77 hrs**
- Watch videos up to **23 hrs**

Figure 2: Samsung Galaxy Z Fold 6 unfolded, showcasing the large internal display.

3.2 Displays

- **Main Screen:** 7.6-inch Dynamic AMOLED 2X (1-120Hz adaptive refresh rate), QXGA+ resolution (1812 x 2176 pixels), 2600 nits peak brightness. Ideal for multitasking, media consumption, and productivity.
- **Cover Screen:** 6.3-inch Dynamic AMOLED 2X (120Hz adaptive refresh rate), 904 x 2316 pixels resolution. Perfect for quick interactions without unfolding.

3.3 Performance

Powered by the Snapdragon 8 Gen 3 "for Galaxy" chipset and 12GB of RAM, the Z Fold 6 handles intensive 5G use, advanced multitasking, and AI-enhanced workflows with efficiency and responsiveness.

3.4 Galaxy AI Features

Experience enhanced intelligence with Galaxy AI:

- **Note Assist:** Summarizes and formats notes.
- **Real-time Transcription:** Converts spoken words into text instantly.
- **Live Translation:** Provides real-time language translation during calls and messages.
- **Circle to Search:** Circle anything on your screen to instantly search for it.

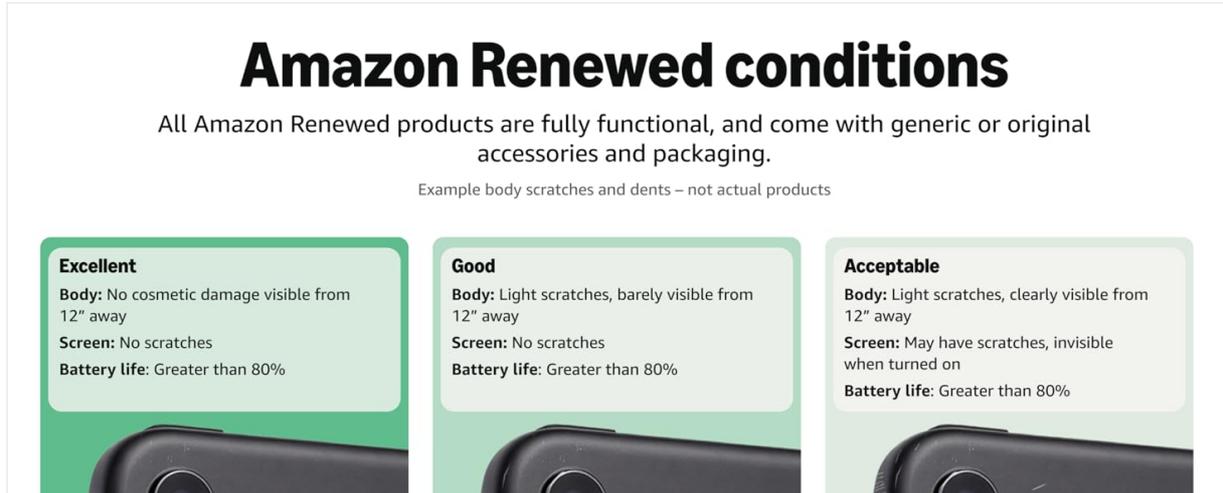


Figure 3: Galaxy AI Interpreter feature in action on the main screen.

3.5 Camera System

The Z Fold 6 features a versatile camera setup:

- **Rear Cameras:** 50MP Main (with OIS), 12MP Ultra-Wide, 10MP 3x Telephoto.
- **Front Cameras:** 10MP Cover Camera, 4MP Under Display Camera (main screen).

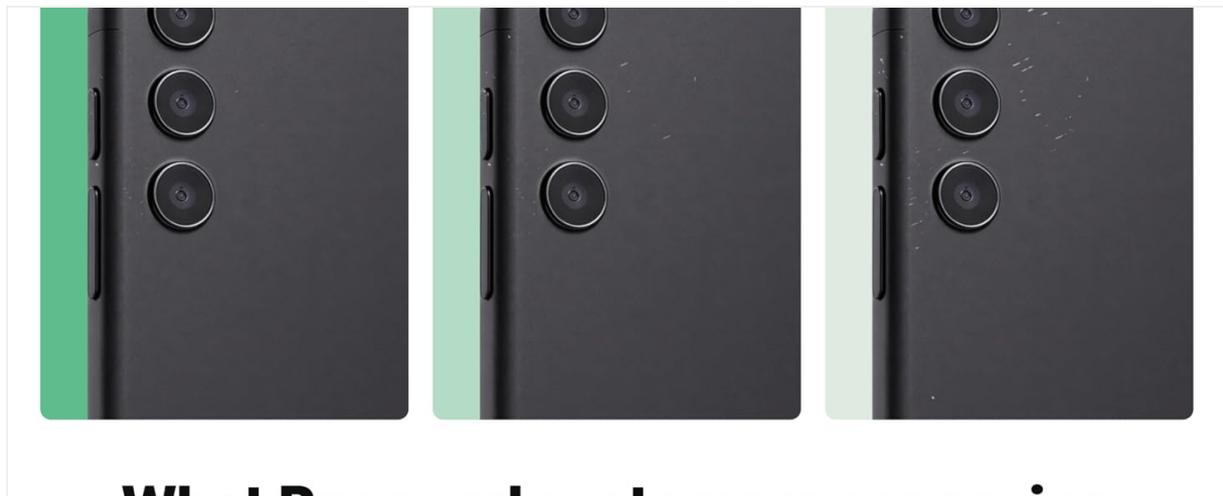


Figure 4: Overview of camera, display, and battery specifications.

3.6 S Pen Support

The Galaxy Z Fold 6 supports the S Pen Fold Edition (sold separately), allowing for precise writing and drawing on the main screen.

4. MAINTENANCE AND CARE

4.1 Durability

Your device is built with a reinforced Armor Aluminum frame and features IP48 water and dust resistance, offering protection against splashes and dust ingress. The display is protected by Gorilla Glass Victus 2.

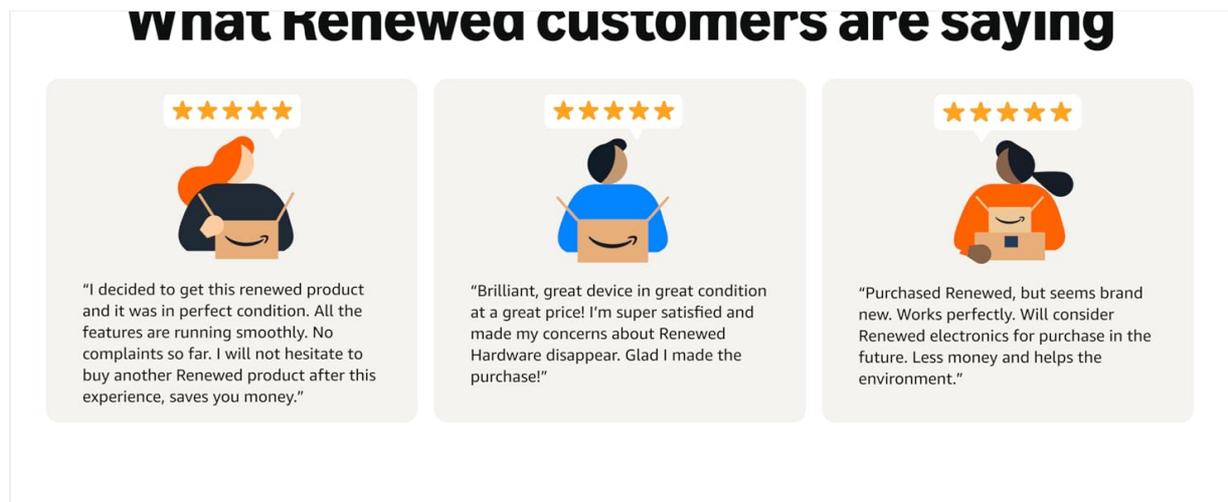


Figure 5: Durability features including FlexHinge and IP48 rating.

4.2 Battery Care

The 4400 mAh battery provides reliable power for a full day of use. The device supports fast charging up to 25W and wireless charging. To prolong battery life, avoid extreme temperatures and fully discharging the battery regularly.

5. TROUBLESHOOTING

- **Device not responding:** Press and hold the Power button and Volume Down button simultaneously for more than 7 seconds to restart the device.
- **Screen issues:** If you notice any display anomalies, ensure your software is up to date. If issues persist, contact customer support.
- **Battery draining quickly:** Check background app usage in Settings > Battery. Reduce screen brightness and disable unnecessary features like Wi-Fi, Bluetooth, or GPS when not in use.
- **Connectivity problems:** Restart your device. Check Wi-Fi or mobile data settings. For network issues, contact your service provider.

6. SPECIFICATIONS

Feature	Specification
Model Name	Galaxy Z Fold6 5G
Main Screen Size	7.6 Inches
Cover Screen Size	6.3 Inches
Main Screen Resolution	2376 x 968 pixels
Refresh Rate	120 Hz
CPU Model	Snapdragon 8 Gen 3 "for Galaxy"
RAM	12 GB
Storage Capacity	256 GB

Battery Capacity	4400 Milliamp Hours
Operating System	Android
Water/Dust Resistance	IP48
Dimensions	6.04 x 5.22 x 0.22 inches
Item Weight	8.3 ounces

7. WHAT'S IN THE BOX

The following items are typically included with your Samsung Galaxy Z Fold 6:

- Samsung Galaxy Z Fold 6 Device
- USB-C Charge Cable
- Ejection Pin

8. PRODUCT VIDEOS

Galaxy Z Fold 6 - The Foldable Done Right

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This video provides an overview of the Samsung Galaxy Z Fold 6, highlighting its key features and design as a versatile foldable device.

Can a foldable really replace two gadgets at once?

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Explore the versatility of the Galaxy Z Fold 6 and how it can serve as both a smartphone and a tablet, streamlining your digital life.

Galaxy Z Fold 7 Crease - 2 Weeks Later?

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A comparison video discussing the crease visibility on a new versus used foldable device, relevant to the Z Fold 6's hinge durability.

Galaxy Z Fold 7 vs Z Fold 6 Quick Comparison

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This video offers a quick comparison between the Galaxy Z Fold 6 and its successor, highlighting key differences and improvements.

9. WARRANTY AND SUPPORT

This renewed product comes with a 90-day refund/replacement return policy. For further assistance, technical support, or warranty claims, please refer to the official Samsung support website or contact your retailer.