

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› **SAMSUNG** /

› **SAMSUNG Galaxy S22 5G SM-S901B/DS User Manual**

## SAMSUNG SM-S901B/DS

# SAMSUNG Galaxy S22 5G SM-S901B/DS User Manual

Model: SM-S901B/DS

## 1. INTRODUCTION

---

This manual provides essential information for the SAMSUNG Galaxy S22 5G smartphone, model SM-S901B/DS. It covers device setup, operation, maintenance, and troubleshooting to ensure optimal performance and user experience. Please read this manual thoroughly before using your device.

## 2. SAFETY INFORMATION

---

Always follow basic safety precautions to reduce the risk of injury, electric shock, fire, or damage to the device. Keep the device away from extreme temperatures, direct sunlight, and liquids. Use only approved accessories.

### 2.1 Network Compatibility

This device is an international version and is factory unlocked. It is compatible with GSM networks such as AT&T and T-Mobile. It is **not compatible** with CDMA carriers like Verizon, Sprint, Boost Mobile, or US Cellular. Verify network band support with your carrier before use. A new SIM card or additional configuration may be required, and coverage can vary by location.

### 2.2 International Version Notice

This device does not include a US warranty, as some manufacturers do not honor warranties for international items.

## 3. PACKAGE CONTENTS

---

The following items are typically included in the product package:

- SAMSUNG Galaxy S22 5G Smartphone
- USB Cable

## What's in the box



Figure 3.1: Included package contents. Note that a wall charger is not included and must be purchased separately.

## 4. DEVICE LAYOUT

---

Familiarize yourself with the physical components of your Galaxy S22 5G.



Figure 4.1: Front and Rear View of the Galaxy S22 5G. The rear features a triple camera system.



Figure 4.2: Side View of the Galaxy S22 5G, showing button placement.

- **Front Camera:** Located at the top center of the display.
- **Display:** 6.1-inch Dynamic AMOLED 2X screen.
- **Volume Buttons:** On the right side of the device.
- **Power/Side Key:** On the right side, below the volume buttons.
- **Triple Rear Camera:** Located on the upper left of the back panel.
- **USB-C Port:** At the bottom for charging and data transfer.
- **SIM Card Slot:** Located at the bottom edge.

## 5. SETUP

---

### 5.1 SIM Card Installation

1. Locate the SIM card tray on the bottom edge of the device.
2. Insert the SIM 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) into the tray with the gold contacts facing down. The Galaxy S22 5G supports Nano-SIM and eSIM, or Dual SIM (2 Physical Nano-SIMs and eSIM, dual stand-by).
4. Carefully reinsert the tray into the device.

### 5.2 Initial Power On

1. Press and hold the Power/Side Key until the Samsung logo appears.
2. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, Google account setup, and data transfer (if applicable).

## 6. OPERATING YOUR DEVICE

---

### 6.1 Display Features

The Galaxy S22 5G features a 6.1-inch Dynamic AMOLED 2X display with a 120Hz refresh rate, HDR10+ support, and up to 1300 nits peak brightness for clear visibility even in direct sunlight. It also includes Corning Gorilla Glass Victus+ for enhanced durability and an Always-on display function.



See clearly in direct sun,  
with our brightest display

Netflix streaming membership required

Figure 6.1: The Dynamic AMOLED 2X display offers vibrant colors and high brightness.

## 6.2 Camera Usage

The device is equipped with an advanced camera system:

- **Main Camera:** 50 MP, f/1.8, 23mm (wide), with Dual Pixel PDAF and OIS.
- **Telephoto Camera:** 10 MP, f/2.4, 70mm, with PDAF, OIS, and 3x optical zoom.
- **Ultrawide Camera:** 12 MP, f/2.2, 13mm, 120° field of view, with Super Steady video.
- **Video Recording:** Supports 8K@24fps, 4K@30/60fps, 1080p@30/60/240fps, 720p@960fps, with HDR10+ and gyro-EIS.

To access the camera, tap the Camera icon on the home screen or lock screen. Select your desired mode (Photo, Video, Portrait, Pro, etc.) and tap the shutter button to capture images or start recording.

## 6.3 Operating System

The Galaxy S22 5G runs on Android 12, upgradable to Android 13, with Samsung's One UI 5 interface. This provides a customizable and intuitive user experience.

## 7. MAINTENANCE

---

### 7.1 Battery Information

The device is powered by a 3700 mAh Lithium Polymer battery. Battery life can vary based on usage patterns, network conditions, and settings. To optimize battery performance:

- Adjust screen brightness.
- Disable unused features like Wi-Fi, Bluetooth, and GPS when not needed.
- Close background applications.
- Use power-saving modes.

Charging time is approximately 4 hours with a standard charger. Fast charging capabilities require a compatible fast charger (not included).

### 7.2 Software Updates

Regular software updates provide new features, security enhancements, and bug fixes. To check for updates, navigate to **Settings > Software update > Download and install**.

### 7.3 Cleaning Your Device

Use a soft, lint-free cloth to clean the screen and body of the device. Avoid using harsh chemicals or abrasive materials.

## 8. TROUBLESHOOTING

---

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

- **Device not powering on:** Ensure the battery is charged. Connect the device to a charger for at least 10 minutes before attempting to power on again.
- **Network connectivity issues:** Verify your SIM card is correctly inserted. Check your carrier's network status. Remember this device is not compatible with CDMA networks.
- **Poor battery life:** Review section 7.1 for tips on optimizing battery performance. Background apps and high screen brightness can significantly drain the battery.
- **Apps crashing or freezing:** Restart the device. Clear the cache of the problematic app (Settings > Apps > [App Name] > Storage > Clear cache).

## 9. SPECIFICATIONS

---

Detailed technical specifications for the SAMSUNG Galaxy S22 5G (SM-S901B/DS).



Le misure del device si intendono in millimetri.

Figure 9.1: Physical dimensions of the Galaxy S22 5G.

Feature	Specification
Model Name	SAMSUNG GALAXY S22 5G (SM-S901B/DS)
Operating System	Android 12.0 (upgradable to Android 13, One UI 5)
Processor	Exynos 2200 (4 nm) / Qualcomm Snapdragon MSM8260A (2.9 GHz)
RAM	8 GB

Feature	Specification
Internal Storage	128 GB
Display Size	6.1 Inches
Display Type	Dynamic AMOLED 2X, 120Hz, HDR10+, 1300 nits (peak)
Display Resolution	1080 x 2340 pixels (425 ppi density)
Protection	Corning Gorilla Glass Victus+
Rear Camera	Triple: 50 MP (wide), 10 MP (telephoto, 3x optical zoom), 12 MP (ultrawide)
Front Camera	Yes
Battery Capacity	3700 Milliamp Hours (Lithium Polymer)
Talk Time	18.5 Hours
Charging Time	Approx. 4 Hours (standard charger)
SIM Type	Nano-SIM and eSIM or Dual SIM (2 Physical Nano-SIMs and eSIM)
Connectivity	Wi-Fi, Bluetooth, GPS, USB-C
Dimensions (Product)	9.45 x 27.17 x 0.98 inches (240 x 690 x 25 mm)
Item Weight	5.9 ounces (167 Grams)
Audio Jack	No headphone jack
Color	Phantom Black

## 10. WARRANTY AND SUPPORT

---

As an international version of the SAMSUNG Galaxy S22 5G (SM-S901B/DS), this device typically does not come with a US manufacturer's warranty. Warranty coverage, if any, will depend on the region of purchase and the specific seller's policy. Please consult your point of purchase for details regarding warranty and support options.

For general product information and support resources, you may visit the official SAMSUNG website for your region.