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Samsung SM-A256E/DSN

SAMSUNG Galaxy A25 5G User Manual

Model: SM-A256E/DSN

1. INTRODUCTION

This manual provides essential information for setting up, operating, and maintaining your Samsung Galaxy A25 5G smartphone. Please read this guide thoroughly to ensure proper use and to maximize your device's capabilities.



Figure 1: Samsung Galaxy A25 5G device.

The Samsung Galaxy A25 5G features a 6.5-inch Super AMOLED display with 120Hz refresh rate and up to 1,000 nits brightness. It is powered by an Exynos 1280 processor, offering 8GB RAM and 256GB internal storage, expandable via microSD card. The device includes a versatile triple camera system with a 50MP main sensor, an 8MP ultrawide lens, and a 2MP macro lens, alongside a 13MP front camera. A 5,000mAh battery provides extended usage, supported by Super Fast Charging. Security is enhanced with a side-mounted fingerprint sensor.

2. SETUP

2.1 Initial Device Activation

1. Press and hold the Power/Side key until the Samsung logo appears.
2. Follow the on-screen prompts to select your language, connect to a Wi-Fi network, and set up your Google account.
3. Review and accept the terms and conditions to complete the initial setup.

2.2 SIM Card and microSD Card Installation

Your device supports Dual SIM functionality and a microSD card for expanded storage.



Figure 2: Side view of the device with SIM tray location.

1. Locate the SIM tray on the side of the device.
2. Insert the provided 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) and/or microSD card into the designated slots on the tray, ensuring the gold contacts face downwards.
4. Carefully reinsert the tray into the device until it clicks into place.

3. OPERATING YOUR DEVICE

3.1 Display Features

The Galaxy A25 5G features a 6.5-inch Super AMOLED display with a 120Hz refresh rate for smooth scrolling and vibrant visuals. It offers up to 1,000 nits brightness for clear outdoor visibility and includes Eye Comfort Shield to reduce blue light.

3.2 Camera Features

Capture high-quality photos and videos with the versatile camera system:



Figure 3: Rear camera module of the device.

- **Main Camera:** 50 MP, f/1.8, (wide), with PDAF and Optical Image Stabilization (OIS) for steady shots.
- **Ultrawide Camera:** 8 MP, f/2.2, 120° field of view for expansive landscape shots.
- **Macro Camera:** 2 MP, f/2.4, for detailed close-up photography.
- **Front Camera:** 13 MP, f/2.2, (wide) for selfies and video calls.

Video Digital Image Stabilization (VDIS) helps stabilize videos, even in motion.

3.3 Performance

The device is equipped with a powerful Exynos 1280 octa-core processor (2x 2.4GHz Cortex-A78 & 6x 2.0GHz Cortex-A55) and 8GB of RAM, ensuring smooth multitasking and efficient app performance. It supports 5G connectivity for fast downloads and streaming.

3.4 Battery Management

A 5,000mAh (typical) battery provides up to 24 hours of talk time. The device supports Super Fast Charging to quickly replenish battery levels. To optimize battery life, reduce screen brightness, disable unnecessary background apps, and use power-saving modes.

3.5 Connectivity

The Galaxy A25 5G supports a wide range of network bands, including 5G (SA/NSA/Sub6) and 4G LTE. It is compatible with any GSM carrier outside of the United States. In the United States, it is compatible with T-Mobile and its MVNOs. The device also features a 3.5mm audio jack for wired headphones.

3.6 Security Features

Unlock your device securely using the side-mounted fingerprint sensor. Additional security options include PIN, pattern, and password.

4. MAINTENANCE

4.1 Software Updates

Keep your device's software up to date to ensure optimal performance, security, and access to new features. Navigate to **Settings > Software update** to check for and install available updates.

4.2 Device Care

Regularly use the Device Care feature (found in **Settings**) to optimize battery usage, storage, memory, and security. This helps maintain your phone's performance over time.

5. TROUBLESHOOTING

- **Device not turning on:** Ensure the battery is charged. Connect to a charger and try again.
- **Apps crashing or freezing:** Close and restart the app. If the issue persists, clear the app's cache or reinstall it.
- **Poor network connection:** Check your SIM card installation. Restart the device. Verify network settings with your carrier.
- **Battery draining quickly:** Review battery usage in Device Care. Reduce screen brightness, disable unused features like GPS or Bluetooth, and close background apps.

6. SPECIFICATIONS

Feature	Specification
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Model Number	SM-A256E/DSN
Display	6.5-inch Super AMOLED, 1080 x 2340 pixels, 120Hz, 1000 nits (HBM)
Processor	Exynos 1280 (Octa-core, 2x 2.4 GHz, 6x 2.0 GHz)
RAM	8 GB
Internal Storage	256 GB (expandable up to 1TB via microSD)
Rear Camera	50 MP (wide, OIS), 8 MP (ultrawide), 2 MP (macro)
Front Camera	13 MP (wide)
Battery	5000 mAh (typical), Super Fast Charging
Operating System	Android 14
Connectivity	5G, 4G LTE, Wi-Fi, Bluetooth, GPS, 3.5mm Audio Jack
Security	Side-mounted Fingerprint Sensor
Dimensions	6 x 4 x 2 inches
Weight	11.7 ounces

7. WARRANTY AND SUPPORT

For warranty information and detailed support, please refer to the documentation included with your device or visit the official Samsung support website. You can also contact Samsung customer service for assistance.