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Samsung SM-A076B

Samsung Galaxy A07 5G Smartphone User Manual

Model: SM-A076B

1. INTRODUCTION AND OVERVIEW

Welcome to the Samsung Galaxy A07 5G. This smartphone is designed to provide a comprehensive mobile experience with advanced features and robust performance. Key highlights include a 6.7-inch 120Hz immersive display, a massive 6000mAh battery, a 50MP True Dual Camera system, and enhanced security with Knox Vault. This manual provides essential information for setting up, operating, and maintaining your device.



Figure 1.1: Overview of Samsung Galaxy A07 5G key features.

2. DEVICE SETUP

2.1 What's in the Box

Before you begin, ensure all components are present:

- Smartphone (Samsung Galaxy A07 5G)
- Data Cable (USB-C to USB-C)
- SIM Ejection PIN
- Quick Start Guide

*Image simulated for illustrative purposes. Actual product may differ from the image shown.

- 1 Measured diagonally, the screen size is 1713 cm in the full rectangle and 16.73 cm accounting for the rounded corners. Actual viewable area is less due to the rounded corners and the camera cutout. Actual product may differ from the image shown.
- 2 In multi window mode, the refresh rate is fixed at 60 Hz.
- 3 HBM1 (High Brightness Mode) peak brightness reaches up to 800 nits. Typical brightness is 650 nits.
- 4 Color availability may vary by country, region or carrier.
- 5 Requires optimal 5G connection. 5G services are only supported in 5G network enabled locations. Actual speed may vary depending on country, carrier, and user environment.
- 6 Typical value tested under third-party laboratory condition. Typical value is the estimated average value considering the deviation in battery capacity among the battery samples tested under IEC 61960 standard. Rated (minimum) capacity is 5,830 mAh. Actual battery life may vary depending on network environment, usage patterns and other factors.
- 7 Battery life is based on results from internal lab tests for typical usage pattern scenarios conducted by Samsung. Actual battery life may vary depending on network environment, usage patterns and other factors. Charging speed may vary depending on charging conditions and other factors. Using the original Samsung data cable is recommended.
- 8 Available memory/storage capacity is subject to pre-installed software. Memory/storage options and availability may vary by country, region or carrier.
- 9 Galaxy A07 5G will be supported with six generations of OS upgrades and six years of security updates from the first global launch date. The OS upgrade and security update policies specified above are subject to change.
- 10 Galaxy A07 5G is rated as IP54. Based on lab test conditions, the device is sprayed by 10 liters of fresh water per minute for 5 minutes at all angles. Not advised for beach or pool use. Water and dust resistance of device is not permanent and may diminish over time due to normal wear and tear.
- 11 50 MP resolution is available on Galaxy A07 5G's rear, wide camera only.
- 12 Results may vary depending on shooting conditions including multiple subjects, being out of focus or moving subjects.
- 13 Available on devices with One UI 2.1 or above, with Android OS version 10.0 (Q) or higher installed. Bluetooth Low Energy and a Wi-Fi connection are both required for Quick Share. Supports Galaxy Books, including Qualcomm-based PCs released in 2020 and later, and Windows PCs with Intel Bluetooth/Wi-Fi from other manufacturers. (OS: Windows 10 2004 version or higher, Bluetooth driver: Intel 22.50.02 or higher, Wi-Fi driver: Intel 22.50.07 or higher). Number of devices Quick Share can share to at the same time may vary depending on the Wi-Fi chip hardware of the sharing device. Actual speed may vary depending on device, network condition and user environment. The transferable type, number, capacity and expiry date of files, as well as the number of simultaneous file shares in Private Share may be limited.
- 14 Wired transfers from iOS require the receiving device to have Android™ 4.3 or later and the sending device to have iOS 5 or later. Transfers can be completed without a cable through a wireless connection or iCloud. For wireless connections, the receiving device must have Android™ 4.0 or later and the sending device must have iOS 12 or later. iCloud transfers require the receiving device to have Android™ 4.0 or later and the sending device to have iOS 5 or later. Open Smart Switch Mobile in "Settings" on the receiving Galaxy device or download the Smart Switch Mobile app from the Galaxy Store. For wireless transfers, download Smart Switch for iOS from the App Store on your iPhone or iPad. Data, content and apps available for transfer may vary by transmission method. Contacts, gallery, videos, calendars and reminders can be transferred wirelessly from an iOS device.

Figure 2.1: Items included with your Samsung Galaxy A07 5G.

2.2 Inserting the SIM Card

1. Locate the SIM card tray on the side of your device.
2. Insert the SIM ejection pin into the small hole next to the tray and press gently until the tray pops out.
3. Place your Nano-SIM card(s) and/or microSD card into the tray with the gold contacts facing down.
4. Carefully reinsert the tray into the slot.

2.3 Initial Power On and Data Transfer

Press and hold the Power button until the Samsung logo appears. Follow the on-screen prompts to complete the initial setup. If you are transferring data from an old device, use the Smart Switch feature for a seamless transition of photos, videos, contacts, and apps.

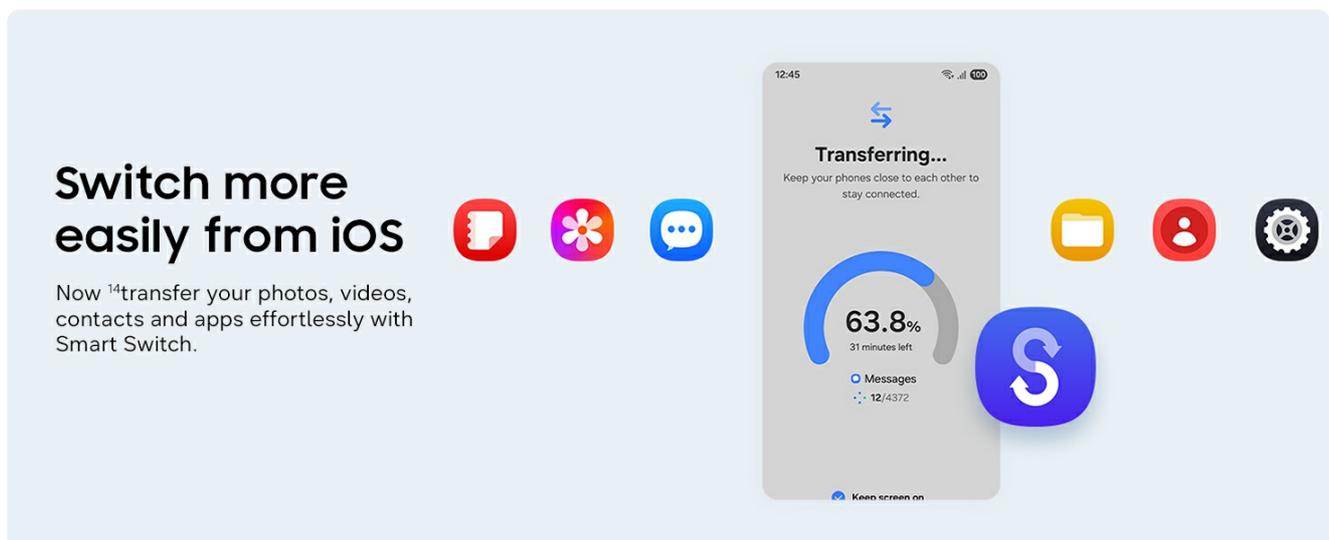


Figure 2.2: Using Smart Switch for easy data transfer.

3. OPERATING INSTRUCTIONS

3.1 Basic Navigation

The Galaxy A07 5G features a responsive touchscreen. Use gestures like tapping, swiping, pinching, and spreading to navigate the interface, open apps, and interact with content.

3.2 One UI 8 Interface

Experience an intuitive and upgraded user interface with One UI 8, designed for ease of use and enhanced functionality.

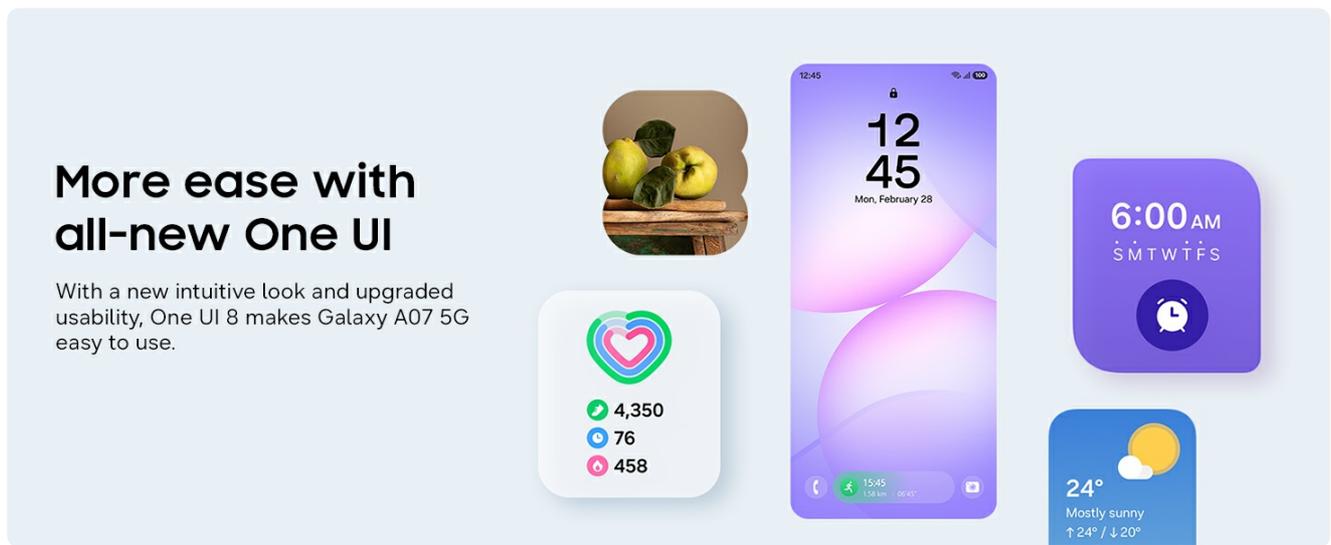


Figure 3.1: The new One UI 8 interface.

3.3 Quick Share

Effortlessly share files between Samsung Galaxy devices, and even with iOS and PC devices, using the Quick Share feature.

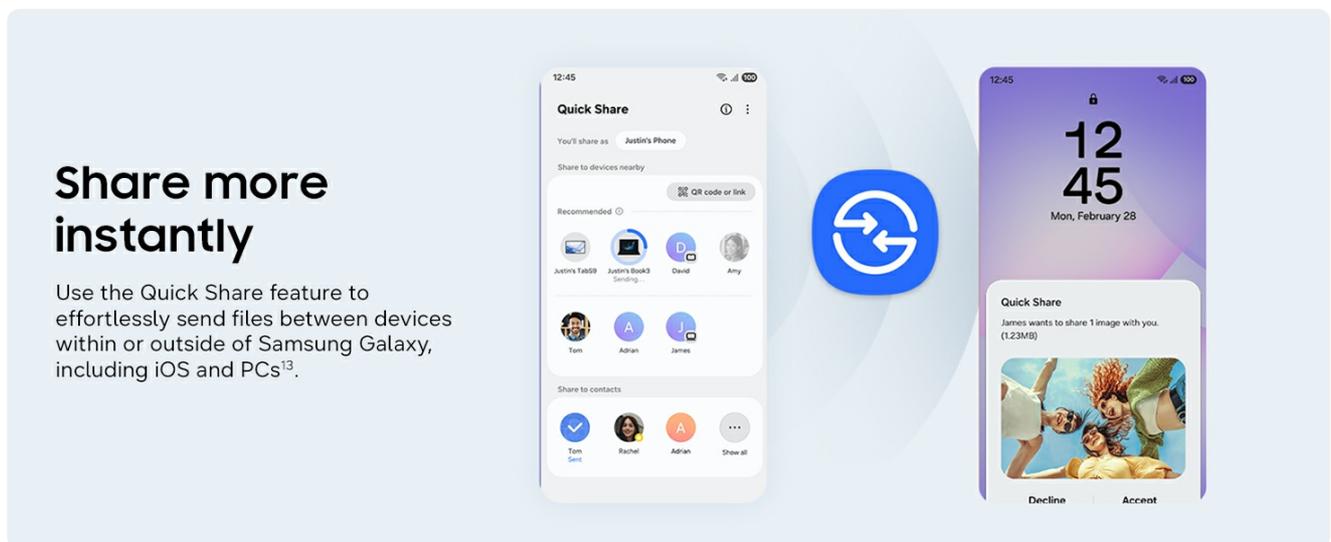


Figure 3.2: Quick Share functionality.

4. CAMERA FEATURES

The Galaxy A07 5G is equipped with a versatile camera system to capture your moments.

- **50MP Main Camera:** For clear and detailed photos.
- **2MP Depth Camera:** Enhances portraits by separating the subject from the background.
- **8MP Front Camera:** For high-resolution selfies and video calls.

Capture more with a pro-grade camera

Capture everyday moments with unmatched clarity using the 50 MP¹¹ pro-grade rear camera. Designed to deliver sharp details and balanced shots in different lighting conditions¹².

8 MP
Front Camera

50 MP
Wide Camera

2 MP
Depth Camera



Figure 4.1: Pro-grade camera system.

Add more depth to your portraits

Enjoy added dimension with 2 MP depth camera. It separates the subject from the background for a more accurate portrait.



Figure 4.2: Depth Camera for enhanced portraits.

More stunning selfies, every time

8 MP selfie camera that captures fine details with minimal noise, delivering enhanced clarity.

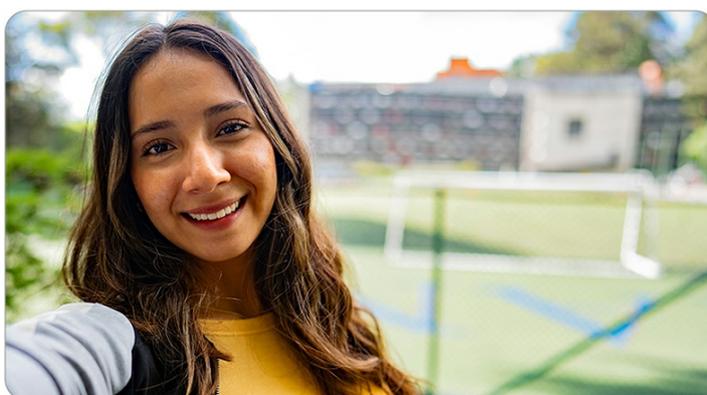


Figure 4.3: 8MP Selfie Camera.

5. BATTERY MANAGEMENT

The Galaxy A07 5G is powered by a massive 6000mAh battery, designed for extended usage. It also supports 25W fast

charging to quickly power up your device.

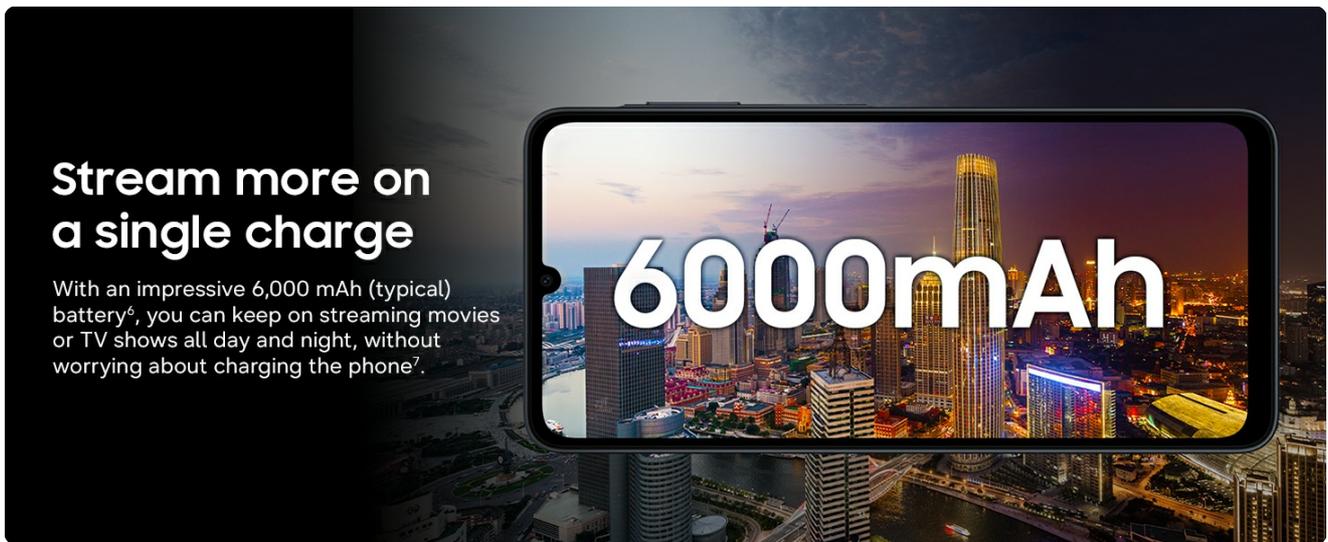


Figure 5.1: Long-lasting 6000mAh battery.

5.1 Tips for Extending Battery Life

- Adjust screen brightness to a lower level.
- Enable power-saving modes when not in active use.
- Close background applications that consume excessive power.
- Disable Wi-Fi, Bluetooth, and GPS when not needed.

6. DISPLAY FEATURES

Enjoy a vibrant visual experience on the 6.7-inch immersive display with a 120Hz refresh rate for smooth scrolling and an 800 nits High Brightness Mode (HBM) for clear viewing even in bright outdoor conditions.

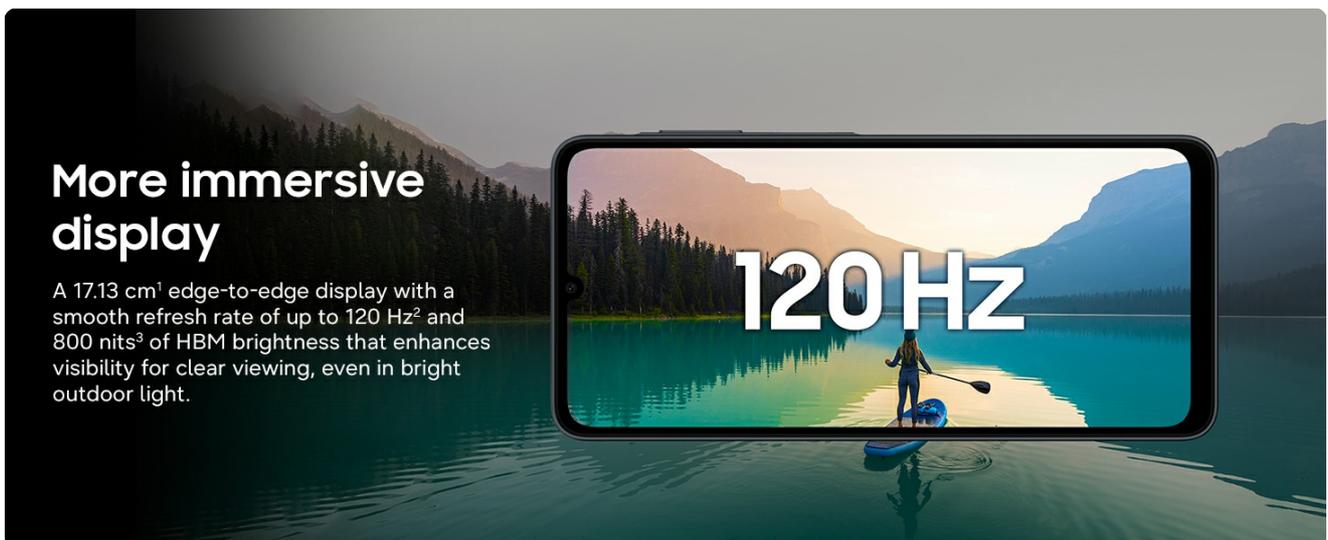


Figure 6.1: Immersive 120Hz display.

7. CONNECTIVITY

The Galaxy A07 5G supports superfast 5G speeds with up to 12 5G bands, ensuring swift and reliable connectivity for streaming, gaming, and downloading. It also includes standard connectivity options such as Bluetooth, USB, and Wi-Fi.

8. SOFTWARE UPDATES AND SECURITY

Your Galaxy A07 5G is designed for long-term relevance and security, offering 6 generations of OS upgrades and 6 years of security updates from the first global launch date.



Figure 8.1: Extended OS upgrade support.

8.1 Samsung Knox Vault

The device features Samsung Knox Vault (EAL5+ certified), providing advanced security to protect your private information from unauthorized access.

9. PHYSICAL DESIGN AND DURABILITY

The Galaxy A07 5G boasts a slim, modern design with an 8.2mm thickness. It also offers IP54-rated protection against dust and splashes, ensuring durability in various conditions.



Figure 9.1: IP54-rated protection against spills and splashes.



Figure 9.2: Samsung Galaxy A07 5G (Black).

10. MAINTENANCE

To ensure optimal performance and longevity of your Samsung Galaxy A07 5G, follow these maintenance guidelines:

- **Software Updates:** Regularly check for and install software updates to benefit from the latest features, security patches, and performance improvements.
- **Cleaning:** Use a soft, lint-free cloth to clean the screen and body of the device. Avoid harsh chemicals or abrasive materials.
- **Storage Management:** Periodically clear unnecessary files and apps to free up storage space and maintain device speed.
- **Battery Care:** Avoid extreme temperatures and do not let the battery completely drain frequently.

11. TROUBLESHOOTING

If you encounter issues with your device, try these common troubleshooting steps:

- **Device Not Responding:** Press and hold the Power button for about 10 seconds to force restart the device.
- **App Issues:** Clear the cache and data of the problematic app, or uninstall and reinstall it.
- **Connectivity Problems:** Toggle Wi-Fi or Bluetooth off and on. For mobile data, ensure your SIM card is properly inserted and your plan is active.
- **Slow Performance:** Close unused apps, clear cache, and ensure sufficient storage space. Consider a factory reset as a last resort (back up your data first).
- **Charging Issues:** Ensure the data cable and charger are securely connected and undamaged. Try a different charger or cable if available.

12. SPECIFICATIONS

Detailed technical specifications for the Samsung Galaxy A07 5G (Model: SM-A076B).

Feature	Specification
Operating System	Android 16.0
Product Dimensions	0.82 x 7.74 x 16.74 cm; 199 g
Item Model Number	SM-A076B

Feature	Specification
Connectivity Technologies	Bluetooth, USB, Wi-Fi
GPS	True (Built-In GPS)
Special Features	Dual SIM, Expandable Memory, Mobile Hotspot Capability, Supports USB OTG
Display Features	Wireless, Touchscreen, 720 x 1600 Resolution, 120Hz Refresh Rate, 800 nits HBM
Camera Features	Front (8MP), Rear (50MP Main, 2MP Depth)
Audio Jack	3.5 mm
Form Factor	Bar
Color	Black
Battery Power Rating	6000 Milliamp Hours
RAM Memory Installed Size	4 GB
CPU Model	Mediatek Dimensity 6300
CPU Speed	2.4 GHz
IP Rating	IP54

13. WARRANTY AND SUPPORT

For warranty information and customer support, please refer to the official Samsung website or contact Samsung customer service. Samsung provides extensive support with over 3300 service touchpoints.

Here's what makes us
awesome



3300+
service
touchpoints



**Made
in
India**

Figure 13.1: Samsung service center network.

You can also visit the [Samsung Store on Amazon](#) for more product information and accessories.