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› Samsung Galaxy A20s (Model A207M) User Manual

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International Variant/US Compatible LTE

1. INTRODUCTION

The Samsung Galaxy A20s is designed to enhance your mobile experience with its expansive 6.5-inch Infinity-V display and versatile triple camera system. This manual provides essential information to help you set up, operate, and maintain your device.



Figure 1: Front and rear view of the Samsung Galaxy A20s in black. The front features a large display with a V-shaped notch for the front camera. The rear shows a triple camera setup, a fingerprint sensor, and the Samsung logo.

2. WHAT'S IN THE BOX

Verify that your product package contains the following items:

- Samsung Galaxy A20s Smartphone
- Power Adapter
- USB Cable (Type-C 1.0 reversible connector)

- Quick Start Guide
- SIM Ejection Tool

3. SETUP

3.1 Inserting the SIM Card and microSD Card

The Galaxy A20s supports Dual-SIM functionality and microSD card expansion up to 512GB. Use the provided SIM ejection tool to open the SIM tray located on the side of the device. Carefully place your Nano-SIM card(s) and/or microSD card into the tray, ensuring proper orientation, then reinsert the tray into the phone.

3.2 Initial Power On and Configuration

Press and hold the Power button on the right side of the device until the Samsung logo appears. Follow the on-screen prompts to complete the initial setup, including selecting your language, connecting to Wi-Fi, and setting up your Google account. You can also configure biometric security options such as fingerprint recognition and face recognition during this process.

4. OPERATING SYSTEM (ANDROID 9.0 PIE WITH ONE UI)

The Samsung Galaxy A20s runs on Android 9.0 (Pie) with Samsung's One UI interface. One UI is designed for ease of use, providing a clean and intuitive experience. Key features include:

- **Dark Mode:** Reduces eye strain in low-light conditions and can help conserve battery on AMOLED displays (though the A20s uses an IPS display).
- **Intuitive Navigation:** Optimized for one-handed use, placing important controls within easy reach.
- **Customizable Home Screen:** Adjust grid size, app icon badges, and more to personalize your experience.

5. CONNECTIVITY

The Galaxy A20s offers robust connectivity options:

- **WLAN:** Wi-Fi 802.11 b/g/n, Wi-Fi Direct, hotspot for internet access and sharing.
- **Bluetooth:** Version 4.2 with A2DP and LE for connecting to wireless accessories.
- **GPS:** Supports A-GPS, GLONASS, GALILEO, and BDS for accurate location services.
- **USB:** Type-C 1.0 reversible connector for charging and data transfer.
- **Cellular:** International Variant/US Compatible LTE for reliable network coverage.

6. AUDIO FEATURES

The device includes a 3.5mm headphone jack, allowing you to use your preferred wired headphones. Additionally, it supports Dolby Atmos, which can be enabled in the software settings to provide an enhanced audio experience through earbuds or headphones.

7. CAMERA

The Galaxy A20s features a versatile camera system to capture your moments:

7.1 Rear Camera System (Triple Lens)

- **Main Camera:** 13 MP, f/1.8, 27mm (wide), PDAF.
- **Ultra-Wide Camera:** 8 MP, f/2.2, 13mm (ultrawide), 120-degree field of view.
- **Depth Sensor:** 5 MP, f/2.2, used for Live Focus (portrait blur) effects.
- Features: LED flash, panorama, HDR.

7.2 Front Camera

- 8 MP, f/2.0, with Live Focus for stunning selfies with background blur.

7.3 Camera Modes

The camera app includes various modes such as Photo, Video, Live Focus (Portrait), Panorama, and Pro mode for manual adjustments.

8. PERFORMANCE AND BATTERY

The Galaxy A20s is equipped to handle daily tasks and moderate gaming:

- **Processor:** Qualcomm SDM450 Snapdragon 450, Octa-core 1.8 GHz Cortex-A53.
- **GPU:** Adreno 506.
- **RAM:** 3 GB.
- **Internal Storage:** 32 GB (expandable up to 512 GB via microSD).
- **Battery:** 4,000 mAh (typical) non-removable Li-Po battery.
- **Charging:** Supports 15W Fast Charging.

With typical usage, the 4,000 mAh battery can last a full day. For heavy usage, such as gaming, daily charging may be required. The 15W fast charging allows for quick power-ups.

9. DESIGN AND BUILD QUALITY

The Galaxy A20s features a sleek design with a glossy plastic back that gives it a premium feel. The device is available in various colors, including Black, Red, and Blue. The volume and power buttons are tactile and responsive, contributing to a solid build quality.

- **Dimensions:** 3.05 x 0.31 x 6.43 inches.
- **Weight:** 12 ounces (340 grams).
- **Form Factor:** Smartphone.

Due to its glossy finish, the back panel may be prone to fingerprints and smudges. Using a clear protective case is recommended to maintain its appearance and provide additional protection.

10. SPECIFICATIONS

Feature	Specification
Model Name	Galaxy A20s
Item Model Number	A207M
Operating System	Android 9.0 (Pie)
CPU Model	Qualcomm SDM450 Snapdragon 450
CPU Speed	Octa-core 1.8 GHz
RAM	3 GB
Memory Storage Capacity	32 GB (expandable up to 512 GB via microSD)
Screen Size	6.5 Inches
Display Technology	LED (IPS)
Resolution	1520 x 720
Main Camera	Triple: 13 MP (wide), 8 MP (ultrawide), 5 MP (depth)
Front Camera	8 MP
Battery Capacity	4000 Milliamp Hours (mAh)
Charging	15W Fast Charging
Connectivity Technologies	Bluetooth, USB, Wi-Fi
GPS	A-GPS, GLONASS, GALILEO, BDS
Audio Jack	3.5mm Headphone Jack
Dimensions	3.05 x 0.31 x 6.43 inches
Item Weight	12 ounces (340 Grams)
Color	Black

11. TROUBLESHOOTING

If you encounter issues with your Samsung Galaxy A20s, consider the following general troubleshooting steps:

- **Restart Device:** A simple restart can often resolve minor software glitches.
- **Check for Software Updates:** Ensure your device is running the latest software version. Go to *Settings > Software update > Download and install*.
- **Clear Cache:** If an app is misbehaving, try clearing its cache (*Settings > Apps > [App Name] > Storage > Clear cache*).

- **Factory Reset:** As a last resort, a factory reset can resolve persistent issues, but it will erase all data. Back up your data before proceeding (*Settings > General management > Reset > Factory data reset*).
- **Contact Support:** If problems persist, refer to Samsung's official support channels for further assistance.

12. WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included in your product packaging or visit the official Samsung website. For technical support, product registration, or service inquiries, please contact Samsung customer service or visit an authorized service center.