

Manuals+

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

[manuals.plus](#) /

› [SAMSUNG](#) /

› [SAMSUNG Galaxy S20 FE 5G User Manual](#)

SAMSUNG SM-G781B/DS

SAMSUNG Galaxy S20 FE 5G User Manual

Model: SM-G781B/DS

1. INTRODUCTION

This manual provides essential information for the proper use and maintenance of your SAMSUNG Galaxy S20 FE 5G smartphone. The Galaxy S20 FE 5G is designed to offer advanced features for photography, gaming, and daily communication, featuring a high-refresh-rate AMOLED display, powerful processor, and robust water and dust resistance.



Figure 1.1: Front and back view of the SAMSUNG Galaxy S20 FE 5G smartphone.

2. SETUP

2.1 Unboxing and Initial Inspection

Carefully remove all components from the packaging. Verify that the following items are present:

- SAMSUNG Galaxy S20 FE 5G Smartphone
- Charging Adapter
- USB Cable

- 256GB SD Card

2.2 SIM Card and MicroSD Card Installation

The Galaxy S20 FE 5G supports Dual SIM functionality and expandable storage via a microSD card (up to 1TB).

1. Locate the SIM tray on the side of the device.
2. Insert the SIM ejector tool (not included) into the small hole on the tray to open it.
3. Place your Nano-SIM card(s) and/or microSD card into the designated slots on the tray. Ensure the gold contacts face downwards.
4. Gently push the tray back into the device until it clicks into place.

2.3 Powering On for the First Time

Press and hold the Power/Side key located on the right side of the device until the SAMSUNG logo appears. Follow the on-screen prompts to complete the initial setup, including language selection, Wi-Fi connection, and Google account setup.

3. OPERATING YOUR DEVICE

3.1 Display Features

The device features a 6.5-inch FHD+ Dynamic AMOLED 2X Infinity-O Display with a 120Hz refresh rate and HDR10+ support, providing a resolution of 1080 x 2400 pixels for clear and vibrant visuals.

INFINITY-O DISPLAY

All eyes on the Infinity-O Display

With barely-there bezels and a super small punch hole for the camera, the 6.5" FHD Infinity-O Display lets you dive into gaming, streaming and video calling without anything blocking your view.



Figure 3.1: The Infinity-O Display provides an immersive viewing experience.

3.2 Camera System

The Galaxy S20 FE 5G is equipped with a versatile camera system:

- **Rear Cameras:**
 - 12MP Wide (F/1.8 aperture)
 - 12MP Ultrawide (F/2.2 aperture)
 - 8MP Telephoto (F/2.4 aperture)
- **Front Camera:** 32MP (F/2.2 aperture)

Go wide, zoom close—and get it in a single take

Equipped with Galaxy S20 5G's same revolutionary cameras, Galaxy S20 FE 5G lets you snapshot moments your way. Frame up the whole fam with Wide-angle Camera, capture more of the world with Ultra Wide Camera, or get up close and personal with Telephoto Camera.

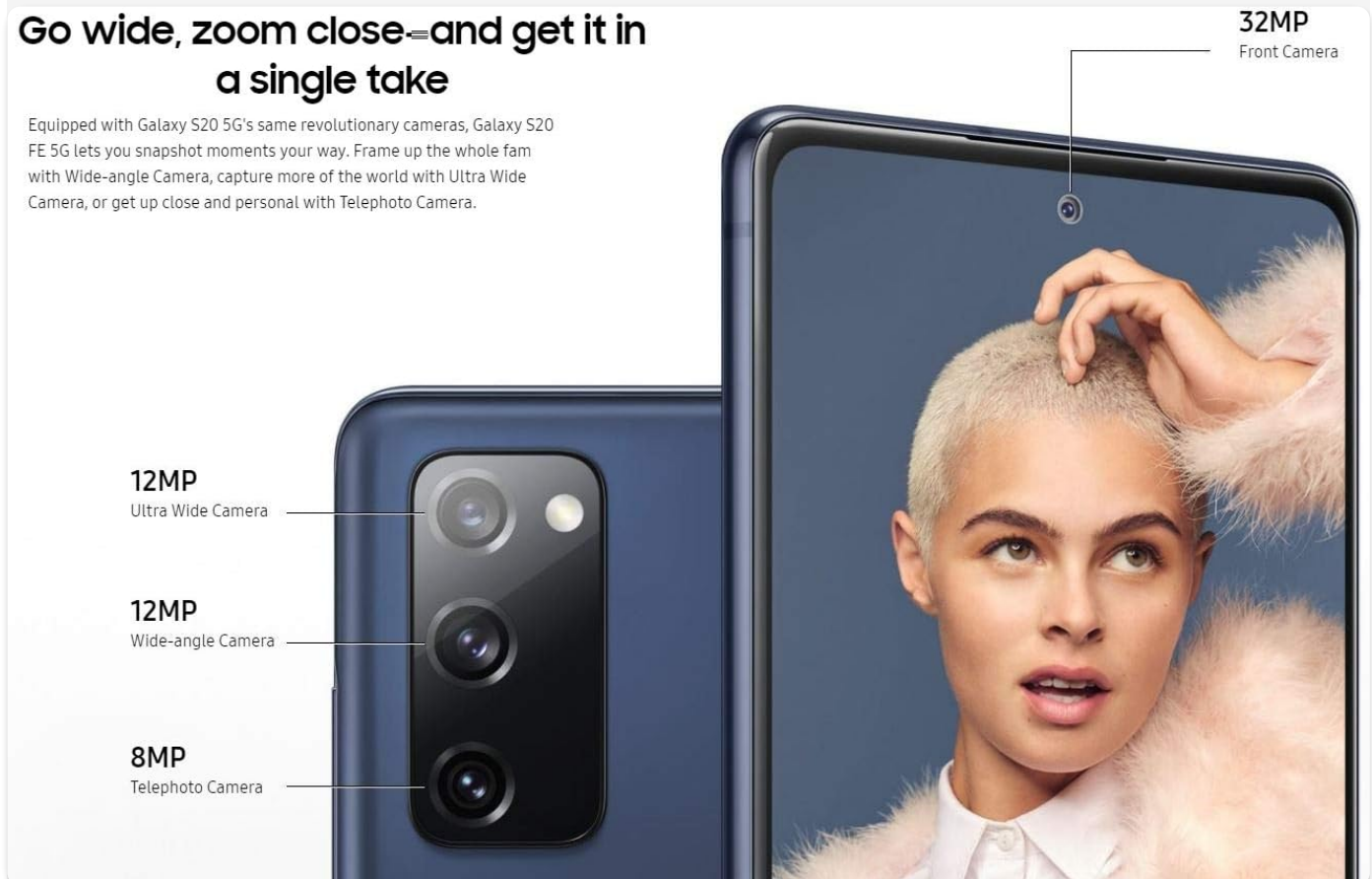


Figure 3.2: Detailed view of the rear and front camera specifications.

3.3 Performance and Storage

Powered by the Qualcomm SM8250 Snapdragon 865 processor and 6GB of RAM, the device offers smooth multitasking and gaming. It comes with 128GB of internal storage, expandable up to 1TB using a microSD card, allowing ample space for photos, videos, and applications.

3.4 Connectivity

The device supports 5G and 4G LTE networks, ensuring fast data speeds for streaming, gaming, and video calls. It also includes NFC for contactless payments and data transfer.

CONNECTIVITY

5G isn't just fast—it's
HyperFast.

When you're connected to the network with Galaxy S20 FE 5G, you can game on in real time with little lag, download at lightning fast speeds and experience crystal clear video calls.



Figure 3.3: The device supports HyperFast 5G connectivity for enhanced performance.

3.5 Battery Life

The 4500mAh battery provides extended usage, with up to 32 hours of talk time. Intelligent power management helps optimize battery consumption.

All-day power for those neverending days

Live your life without worrying where you can plug in your phone. The 4500mAh (typical) battery has the power to outlast your day and the intelligence to save power for the things you do most.



Figure 3.4: The 4500mAh battery is designed for all-day use.

3.6 Security

The device features an under-display fingerprint sensor for secure and convenient unlocking.

4. MAINTENANCE

4.1 Water and Dust Resistance

The Galaxy S20 FE 5G is rated IP68 for water and dust resistance. This means it can withstand immersion in up to 1.5 meters of fresh water for up to 30 minutes. It is resistant to splashes, rain, and dust. However, it is not recommended for beach or pool use. If the device gets wet, dry it thoroughly before charging or using the ports.

4.2 Cleaning Your Device

To clean your device, use a soft, lint-free cloth. Avoid using abrasive materials, solvents, or aerosol sprays, as these can damage the screen or finish.

5. TROUBLESHOOTING

This section addresses common issues you might encounter with your Galaxy S20 FE 5G.

5.1 Device Not Powering On

- Ensure the battery is charged. Connect the device to the charger and wait a few minutes before attempting to power on.

- Press and hold the Power/Side key for at least 10 seconds to perform a forced restart.

5.2 Network Connectivity Issues

- Verify that your SIM card is properly inserted and activated with your carrier.
- Check your device's network settings to ensure mobile data is enabled.
- Restart the device.
- As this is an International Model, confirm compatibility with your specific carrier's network bands (2G, 3G, 4G LTE, 5G).

5.3 Battery Draining Quickly

- Close unused applications running in the background.
- Reduce screen brightness or enable adaptive brightness.
- Disable features like Wi-Fi, Bluetooth, or GPS when not in use.
- Check for system updates, as these often include battery optimizations.

5.4 Apps Crashing or Freezing

- Restart the app.
- Clear the app's cache and data in the device settings.
- Ensure the app is updated to its latest version.
- If the issue persists, uninstall and reinstall the app.

6. SPECIFICATIONS

Feature	Specification
Model Number	SM-G781B/DS
Display	6.5-inch FHD+ Dynamic AMOLED 2X Infinity-O Display, 120Hz, HDR10+, 1080 x 2400 pixels
Processor	Qualcomm SM8250 Snapdragon 865 (7 nm+), Octa-core, Adreno 650
Operating System	Android 10 (One UI 2.5)
RAM	6 GB
Internal Storage	128 GB ROM
Expandable Storage	Up to 1 TB via microSD card
Rear Camera	12MP Wide (F/1.8) + 12MP Ultrawide (F/2.2) + 8MP Telephoto (F/2.4)
Front Camera	32MP (F/2.2)
Battery Capacity	4500 mAh
Talk Time	Up to 32 Hours
Connectivity	5G (n1/3/5/7/8/28/40/41/78 Sub6), 4G LTE, Wi-Fi, Bluetooth, NFC

Feature	Specification
SIM Type	Dual SIM
Security	Under Display Fingerprint
Water & Dust Resistance	IP68 (up to 1.5 meters for 30 minutes)
Dimensions	6 x 4 x 2 inches
Item Weight	14 ounces
Color	Navy Blue

7. WARRANTY AND SUPPORT

This SAMSUNG Galaxy S20 FE 5G is an International Model and **does not have a US Warranty**. For warranty claims or technical support, please refer to the warranty information provided at the time of purchase or contact SAMSUNG customer service in your region of purchase. Support resources, including FAQs and software updates, may be available on the official SAMSUNG website.