

[Manuals.plus](#) /

› [Samsung](#) /

› Samsung Galaxy A17 5G User Manual (Model SM-A176B/DS)

Samsung Galaxy A17 5G

Samsung Galaxy A17 5G User Manual

Model: SM-A176B/DS

INTRODUCTION

This manual provides essential information for setting up, operating, maintaining, and troubleshooting your Samsung Galaxy A17 5G smartphone. Please read it carefully to ensure optimal performance and longevity of your device.



Figure 1: Front and back view of the Samsung Galaxy A17 5G.

SETUP

1. Initial Power On

To power on your device, press and hold the Power button located on the right side of the phone until the Samsung logo appears. Follow the on-screen prompts to select your language, connect to Wi-Fi, and agree to terms and conditions.

2. SIM and MicroSD Card Installation

Your Samsung Galaxy A17 5G supports Dual SIM functionality and a microSDXC card for expandable storage. Use the provided SIM ejection tool to open the SIM tray.



Figure 2: Ejecting the SIM card tray.

1. Insert your Nano-SIM card(s) into the designated slots on the tray.

2. If desired, insert a microSDXC card into the dedicated slot.
3. Carefully reinsert the tray into the phone.

Note: The memory card shares SIM slot 2. This device is not compatible with eSIM.

3. Initial Setup Wizard

The setup wizard will guide you through essential configurations:

- **Language Selection:** Choose your preferred language.
- **Wi-Fi Connection:** Connect to a stable Wi-Fi network for faster setup and updates.
- **Google Services:** Sign in to your Google account or create a new one. Review and accept Google's terms of service and privacy policy.
- **Samsung Services:** Sign in to your Samsung account for additional features and cloud backup.
- **Display Mode:** Select your preferred display mode (Light or Dark).
- **Security Setup:** Configure screen lock options such as PIN, Pattern, Password, Fingerprints, and Face Recognition.

4. Charging

The charger is sold separately. Use a compatible USB Type-C charger to charge your device. The Samsung Galaxy A17 5G supports up to 25W fast charging.

Video 1: Quick setup guide and demo for the Samsung Galaxy A17 5G, showing initial power-on and basic navigation.

OPERATING YOUR DEVICE

1. Display

Your device features an immersive 6.7-inch Super AMOLED FHD+ display with a 90Hz refresh rate, offering vibrant colors and smooth scrolling. The resolution is 1080 x 2340 pixels with 385 ppi and up to 800 nits (HBM) brightness.



Figure 3: The vibrant Super AMOLED display.

2. Performance

The Galaxy A17 5G is powered by an Exynos 1330 (5nm) Octa-Core processor with a Mali-G68 MP2 GPU, ensuring smooth HD streaming, responsive gaming, and seamless social sharing. It comes with 8GB RAM and 256GB internal storage, expandable via microSDXC (uses shared SIM slot).

3. Camera System

Capture detailed photos and videos with the triple-camera array:

- **Rear Camera:** 50MP (wide, f/1.8) with Optical Image Stabilization (OIS), 5MP (ultrawide, f/2.2), and 2MP (macro, f/2.4). Features include LED flash, panorama, and HDR.
- **Front Camera:** 13MP (f/2.0) with 1080p@30fps video recording.



Figure 4: The triple camera module.

Video 2: A review of the Samsung A17 5G, highlighting camera features and display quality.

4. Connectivity

Enjoy ultra-fast connectivity with 5G support across global bands (1/3/5/7/8/20/28/38/40/41/66/77/78 SA/NSA/Sub6). The device also supports 4G and GPS.

5. Battery

The 5000mAh battery provides extended usage, allowing you to stay connected throughout the day. It supports 25W fast charging (charger sold separately).

6. Operating System and Updates

The Samsung Galaxy A17 5G runs on Android 15 with One UI 7. Samsung provides 6 generations of OS upgrades and 6 years of security updates to keep your device current and secure.

MAINTENANCE

1. Software Updates

Regularly check for and install software updates to ensure your device has the latest features, security patches, and performance improvements. Go to **Settings > Software update > Download and install**.

2. Cleaning Your Device

Use a soft, lint-free cloth to clean the screen and body of your phone. Avoid harsh chemicals or abrasive materials that could damage the display or finish. The device has IP54 splash protection, but it is not fully waterproof.

3. Battery Care

To prolong battery life, avoid exposing your phone to extreme temperatures. It is recommended to keep the battery charge between 20% and 80% for optimal long-term health.

TROUBLESHOOTING

If you encounter issues with your device, consider the following:

- **Network Compatibility:** This is an international model. While compatible with T-Mobile, Mint, Tello, and Global networks, some users may experience limited network coverage or slower data speeds in areas heavily reliant on specific bands (e.g., T-Mobile's Band 71) not fully supported by international models. Verify compatibility with your carrier using the device's IMEI.
- **Performance Issues:** If your device is slow, try restarting it. Clear cache from apps or perform a factory reset if problems persist (back up your data first).
- **Battery Drain:** Check background app usage in Battery settings. Reduce screen brightness or disable features like Always On Display if not needed.

For further assistance, refer to the 'User guide' section in your phone's settings or contact Samsung

customer support.

SPECIFICATIONS

Feature	Specification
Model Name	Galaxy A17 5G
Model Number	SM-A176B/DS
Display	6.7-inch Super AMOLED FHD+, 1080 x 2340 pixels, 90Hz Refresh Rate
Processor	Exynos 1330 (5nm) Octa-Core
RAM	8 GB
Storage	256 GB (expandable via microSDXC)
Rear Camera	50MP (wide, OIS) + 5MP (ultrawide) + 2MP (macro)
Front Camera	13MP
Battery	5000 mAh, 25W Fast Charging
Operating System	Android 15, One UI 7
Connectivity	5G, 4G, Dual SIM, Wi-Fi, Bluetooth, GPS
Security	Side-mounted Fingerprint Sensor, Face Recognition
Dimensions	6 x 4 x 2 inches
Weight	9.6 ounces
Durability	IP54 Splash Protection, Corning Gorilla Glass Victus

WARRANTY AND SUPPORT

Please note that this is an international model of the Samsung Galaxy A17 5G. As such, it may not come with a manufacturer's warranty from Samsung in your region. Warranty coverage typically depends on the country of purchase and the specific retailer's policy.

For technical support, troubleshooting, or service inquiries, please visit the official Samsung support website for your region or contact your point of purchase. Keep your proof of purchase handy for any warranty claims or service requests.

