

SAMSUNG

Galaxy S20 FE 5G

The harder your phone works, the easier the workday will be.

Introducing the Galaxy S20 FE 5G. It delivers industry-leading tech that enables you to more easily tackle your business challenges. It's all you need to get it all done.



Be more productive.

This is a phone whose every feature is geared to simplifying your workday.



Keep connected.

The more efficiently you can access and share data, the more efficiently you can work.



Work with trust.

If you can work knowing your phone and data are protected, you can work worry-free.



Galaxy S20 FE 5G

Every feature makes work better.



Be more productive.

Smooth 120Hz display

- Smooth motion and fluid scrolling on the 120Hz 6.5" Infinity-O display.¹

HyperFast processor

- HyperFast processing power and faster graphic rendering with less lag will transform how you work, collaborate and multi-task.

All-day intelligent battery

- All-day intelligent battery learns from how you work to optimize power.²

Super Fast Charging

- Super Fast Charging boosts your battery to over 50% in just 30 minutes.³

Samsung DeX

- Connect the Galaxy S20 FE 5G wirelessly to your TV to bring productivity to the big screen. With Samsung DeX, you have two screens to do twice as much.⁴



Keep connected.

The speed of 5G

- Upload and download huge files, stream video over a conference call, create a private, secure 5G hotspot.⁵

Quick Share data sharing

- The Galaxy S20 FE 5G can share with up to 5 other compatible Galaxy devices simultaneously using Bluetooth and Wi-Fi, with no limits on content or file size.⁶



Work with trust.

IP68 rating

- The Galaxy S20 FE 5G is built to withstand dust, dirt, sand and water,⁷ for worry-free mobility.

Keep up to date

- The Galaxy S20 FE 5G includes support for three generations of OS upgrades beginning with Android 11,⁸ as well as regular security updates.⁹

Defense-grade security

- Samsung Knox defense-grade platform helps protect data the moment the device is powered on.
- A Secure Processor is dedicated to protecting your PIN, password, pattern and Blockchain Private Key. Biometric authentication and a Secure Folder help keep personal content private.

Samsung Knox Suite

- End-to-end mobile management with a complete set of tools to secure, deploy and manage your enterprise's mobile device fleet.¹⁰
- A streamlined user experience with one comprehensive suite, one license key, and single sign-on.¹⁰
- Knox Suite provides access to Knox Platform for Enterprise, a broad set of data protection, device customization and monitoring features that extend beyond the standard Android Enterprise. Access Knox Platform for Enterprise in your Knox Manage console, or within your existing EMM using the Knox Service Plug-in.¹⁰



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Specifications	Galaxy S20 FE 5G
Display ¹	Full Rectangle: 6.5" Rounded Corners: 6.4"
Colors	Resolution: 1080 x 2400 (FHD+), 420 nits Cloud Navy, Cloud Red, Cloud Lavender, Cloud Mint, Cloud White, Cloud Orange
Processor	AP Chipset: Qualcomm SM8250 CPU: Octa-Core Processor: 2.8GHz, 2.4GHz, 1.8GHz 2G GSM: GSM850, GSM900, DCS1800, PCS1900 3G CDMA: BC0 (800), BC1 (1900), BC10 (800) 3G WCDMA: B1 (2100), B2 (1900), B4 (AWS), B5 (850), B8 (900) 4G LTE FDD: B1 (2100), B2 (1900), B3 (1800), B4 (AWS), B5 (850), B7 (2600), B8 (900), B12 (700), B13 (700), B14 (700), B20 (800), B25 (1900), B26 (850), B28 (700), B29 (700), B30 (2300), B66 (AWS-3), B71 (600) 4G LTE TDD: B38 (2600), B39 (1900), B40 (2300), B41 (2500), B46 (5200) 4G 4 x 4 MIMO band: B2 (1900), B4 (AWS), B25 (1900), B66 (AWS-3) Main 5G Sub-6 FDD: N5 (850), N71 (600) Main 5G Sub-6 TDD: N41 (2500) Main 5G mmWave TDD: N260 (39GHz), N261 (28GHz) Main 5G 4 x 4 MIMO band: N41 (2500) Bluetooth v5.0; Multi Advertisement, Scan Filter, LE Privacy 1.2, LE Secure Connections, LE Data Length Extension, LE Advertising Extensions, ASHA, LE 2M PHY (High Speed), LE Coded PHY (Long Range); A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP NFC Support: Yes; JICC, eSE, Host Wi-Fi Version: 802.11 a/b/g/n/ac/ax 2.4G+5GHz, HE80, MIMO, 1024-QAM Wi-Fi Direct: Yes Mobile Hotspot: Yes Miracast: Yes
Connectivity	Enhanced 4x4 MIMO, Up to 5CA, LTE D/L Cat. 19 (1.6Gbps), LTE U/L Cat. 18 (211Mbps) Non-Standalone (NSA), Sub-6 / mmWave
Network	Android 10.0
OS	USB Port: USB Type-C USB Version: USB 3.2 Gen 1 USB File Transfer: MTP, PTP USB Tethering: Yes Limited USB Host (OTG): USB Memory Stick, Camera (PTP / UMS), USB Keyboard / Mouse Headphone Out: USB Type-C
External Port	6.3" x 2.9" x 0.3" / 6.7 oz. 4500 mAh ROM: 128GB; RAM: 6GB Ram Size Option: 8GB; RAM Speed: 2736MHz External Memory: MicroSD (Up to 1TB) Rear Triple: 12MP Ultra Wide Camera: F2.2, (123°) 12MP Wide-Angle Camera: Dual Pixel AF, OIS, F1.8, (79°) 8MP Telephoto Camera: F2.4 (32°) 30x Space Zoom, OIS, Tracking AF
Dimensions / Weight	32MP, F2.2 (80°)
Battery	Accelerometer, Fingerprint, Gyro, Geomagnetic, Hall, RGB Light, Virtual Proximity Slot: Single-SIM
Rear Camera	Size: Nano-SIM (4FF) Type of SIM Slot (Single): SIM 1 + MicroSD Power: 1.2 W
Front Camera	Stereo speakers sound by AKG: Surround sound with Dolby Atmos technology (Dolby Digital, Dolby Digital Plus included.) Ultra high quality audio playback: UHQ 32-bit & DSD64/128 support, PCM: Up to 32 bits, DSD: DSD64/128
Sensors	MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA, DFF, DSF, APE
SIM	MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM
Audio	Knox ¹⁰ Android 3.6
Audio Playing Format	Samsung DeX ⁴ Yes
Video Playing Format	Up to 25W Super Fast Charge Capable (charger not included)
Knox ¹⁰	Water / Dust Proof: Yes, IP68
Samsung DeX ⁴	
Charging	
Ruggedness	

Device Layout

- 12MP Ultra-Wide Camera
- 12MP Wide-Angle Camera
- 8MP Telephoto Camera
- SIM Card
- 32MP Front Camera
- Volume Rocker
- Power Button
- Optical Fingerprint Reader

Cloud Navy



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¹Measured diagonally. Actual viewable area is less due to the rounded corners and camera lens. ²Based on average battery life under typical usage conditions. Average expected performance based on typical use. Actual battery life depends on factors such as network, features selected, frequency of calls, and voice, data, and other application usage patterns. Results may vary. ³When using 25W charger, sold separately. ⁴Wireless DeX requires smart TV with Miracast support. Both devices must be on the same Wi-Fi network. ⁵Requires optimal 5G network connection, available in select markets. Check with your carrier for availability and details. Download and streaming speeds may vary based on content provider, server connection and other factors. ⁶Compatible Samsung Galaxy device or Samsung TV required. ⁷Based on test conditions for submersion in up to 1.5 meters of fresh water for up to 30 minutes. ⁸Availability of Android OS upgrades and features may vary by device and market. Upgrade schedule will depend on factors including but not limited to complexity of the update, model, as well as market penetration and more. ⁹For further details, please refer to <https://security.samsungmobile.com/workScope.smsb>. ¹⁰Free trials may be available for these services. Please check samsung.com/knox. Additional licenses are required for Knox Configure, Knox Mobile Enrollment, Knox Manage, Knox E-FOTA and Knox Platform for Enterprise. ¹¹Total amount of available memory may be less based on configuration. ¹²Actual storage available may vary depending on pre-installed software.