

Samsung Galaxy S20 FE 5G SM-G781B 16.5 cm (6.5") Android 10
USB Type-C 6 GB 128 GB 4500 mAh Lavender

Brand : Samsung Product family: Galaxy Product code: SM-G781BLVDEUA

Product name : SM-G781B

- Pro-grade Camera
- Space Zoom
- Single Take
Galaxy S20 FE 5G
Samsung Galaxy S20 FE 5G SM-G781B. Display diagonal: 16.5 cm (6.5"), Display resolution: 2400 x 1080 pixels. Processor frequency: 2.8 GHz, Processor family: Qualcomm Snapdragon, Processor model: 865. RAM capacity: 6 GB, RAM type: LPDDR5, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. Operating system installed: Android 10. Battery capacity: 4500 mAh. Product colour: Lavender. Weight: 190 g



| Display | | Network | |
|-----------------------------------|----------------------|------------------------------------|--|
| Display diagonal * | 16.5 cm (6.5") | 3G bands supported | 850,900,1800,1900,2100 MHz |
| Display technology marketing name | Super AMOLED | 4G bands supported | 700,850,900,1800,1900,2100,2300,2600 MHz |
| Panel type | OLED | Tethering (modem-mode) | ✓ |
| Display glass type | Gorilla Glass | Wi-Fi Direct | ✓ |
| Gorilla Glass version | Gorilla Glass 3 | MIMO | ✓ |
| Display resolution * | 2400 x 1080 pixels | Near Field Communication (NFC) | ✓ |
| Display number of colours | 16 million colours | Subscription | |
| Native aspect ratio | 20:9 | Subscription type * | No subscription |
| Maximum refresh rate | 120 Hz | Ports & interfaces | |
| Display brightness | 420 cd/m² | USB port * | ✓ |
| Touchscreen type | Capacitive | USB connector type | USB Type-C |
| Pixel density | 407 ppi | USB version | 3.2 Gen 1 (3.1 Gen 1) |
| Rounded display corners | ✓ | Messaging | |
| Processor | | Short Message Service (SMS) | ✓ |
| Processor family * | Qualcomm Snapdragon | Multimedia Messaging Service (MMS) | ✓ |
| Processor model * | 865 | E-mail | ✓ |
| Processor cores | 8 | Design | |
| Processor frequency * | 2.8 GHz | Form factor * | Bar |
| Storage | | Product colour * | Lavender |
| RAM capacity * | 6 GB | Colour name | Cloud Lavender |
| RAM type | LPDDR5 | International Protection (IP) code | IP68 |
| Internal storage capacity * | 128 GB | Protection features | Dust resistant, Water resistant |
| Compatible memory cards * | MicroSD (TransFlash) | Performance | |
| Maximum memory card size | 1 TB | Fast charging | ✓ |
| USB mass storage | ✓ | | |

| Camera | | Performance | |
|--|--|--------------------------------|---|
| Rear camera resolution (numeric) * | 12 MP | Wireless charging | ✓ |
| Second rear camera resolution (numeric) | 12 MP | Fingerprint reader | ✓ |
| Third rear camera resolution (numeric) | 8 MP | Face recognition | ✓ |
| Rear camera aperture number | 1.8 | Speakerphone | ✓ |
| Second rear camera aperture number | 2.2 | Voice dialling | ✓ |
| Third rear camera aperture number | 2.4 | Voice commands | ✓ |
| Rear camera pixel size | 1.8 µm | USB On-The-Go support | ✓ |
| Second rear camera pixel size | 1.12 µm | Vibrating alert | ✓ |
| Third rear camera pixel size | 1 µm | Navigation | |
| Rear camera field of view (FOV) angle | 79° | GPS (satellite) | ✓ |
| Second rear camera field of view (FOV) angle | 123° | GLONASS | ✓ |
| Optical zoom | 3x | BeiDou | ✓ |
| Digital zoom | 30x | Galileo | ✓ |
| Front camera type * | Single camera | Position location * | ✓ |
| Front camera resolution (numeric) * | 32 MP | Wi-Fi positioning | ✓ |
| Front camera aperture number | 2.2 | Multimedia | |
| Front camera pixel size | 0.8 µm | Speakers | stereo |
| Front camera field of view (FOV) angle | 81° | Audio system | Dolby Atmos |
| Rear camera flash * | ✓ | Speaker power | 1.2 W |
| Flash type | LED | Audio formats supported | 3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF |
| Video capture resolution (max) | 7680 x 4320 pixels | Video formats supported | 3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV |
| Maximum frame rate | 960 fps | Voice codecs | AAC, AMR |
| Resolution at capture speed | 1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps | Software | |
| | 720p, 1080p, 2160p | Platform * | Android |
| Video recording modes | 720p, 1080p, 2160p | Operating system installed * | Android 10 |
| Rear camera type * | Triple camera | App distribution platform | Google Play |
| Auto focus | ✓ | Google applications | Google Maps, Google Play |
| Image stabilizer | ✓ | Virtual assistant | Samsung Bixby |
| Geotagging | ✓ | Battery | |
| Multi-shot | ✓ | Battery voltage | 3.86 V |
| Self-timer | ✓ | Removable battery | ✗ |
| Night mode | ✓ | Battery capacity * | 4500 mAh |
| Auto exposure | ✓ | Talk time (4G) | 32 h |
| Smile detection | ✓ | Browsing time (Wi-Fi) | 14 h |
| Network | | Browsing time (4G) | 15 h |
| Mobile network generation * | 5G | Continuous audio playback time | 81 h |
| SIM card type * | NanoSIM | Continuous video playback time | 19 h |
| 3G standards * | HSDPA, HSPA+, HSUPA, UMTS | Sensors | |
| 4G standard * | LTE-TDD & LTE-FDD | Proximity sensor | ✓ |
| Voice over LTE (VoLTE) supported | ✓ | Accelerometer | ✓ |
| Wi-Fi * | ✓ | Ambient light sensor | ✓ |
| Wi-Fi standards | 802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax) | Gyroscope | ✓ |
| | | Geomagnetic sensor | ✓ |
| Bluetooth * | ✓ | Hall sensor | ✓ |
| Bluetooth version | 5.0 | Weight & dimensions | |
| Bluetooth profiles | A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP | Width | 74.5 mm |
| aptX technology | ✓ | Depth | 8.4 mm |
| | | Height | 159.8 mm |
| | | Weight * | 190 g |
| | | Packaging content | |
| | | AC adapter included | ✓ |
| | | Quick start guide | ✓ |
| | | Cables included | USB Type-C |
| | | SIM card ejector pin | ✓ |

Other features

Touchscreen





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