

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

Brand : Samsung Product family: Galaxy Product code: SM-G781BZRDEUA

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: Red. Weight: 190 g



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

Storage		Performance	
Maximum memory card size	1 TB	Wireless charging	✓
USB mass storage	✓	Fingerprint reader	✓
Camera		Face recognition	✓
Rear camera resolution (numeric) *	12 MP	Speakerphone	✓
Second rear camera resolution (numeric)	12 MP	Voice dialling	✓
Third rear camera resolution (numeric)	8 MP	Voice commands	✓
Rear camera aperture number	1.8	USB On-The-Go support	✓
Second rear camera aperture number	2.2	Vibrating alert	✓
Third rear camera aperture number	2.4	Navigation	
Rear camera pixel size	1.8 µm	GPS (satellite)	✓
Second rear camera pixel size	1.12 µm	GLONASS	✓
Third rear camera pixel size	1 µm	BeiDou	✓
Rear camera field of view (FOV) angle	79°	Galileo	✓
Second rear camera field of view (FOV) angle	123°	Position location *	✓
Optical zoom	3x	Wi-Fi positioning	✓
Digital zoom	30x	Multimedia	
Front camera type *	Single camera	Speakers	stereo
Front camera resolution (numeric) *	32 MP	Audio system	Dolby Atmos
Front camera aperture number	2.2	Speaker power	1.2 W
Front camera pixel size	0.8 µm	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
Front camera field of view (FOV) angle	81°	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Rear camera flash *	✓	Voice codecs	AAC, AMR
Flash type	LED	Software	
Video capture resolution (max)	7680 x 4320 pixels	Platform *	Android
Maximum frame rate	960 fps	Operating system installed *	Android 10
Resolution at capture speed	1280x720@30fps,	App distribution platform	Google Play
	1920x1080@30fps,	Google applications	Google Maps, Google Play
	1920x1080@60fps,	Virtual assistant	Samsung Bixby
	3840x2160@30fps, 3840x2160@60fps		
Video recording modes	720p, 1080p, 2160p	Battery	
Rear camera type *	Triple camera	Battery voltage	3.86 V
Auto focus	✓	Removable battery	✗
Image stabilizer	✓	Battery capacity *	4500 mAh
Geotagging	✓	Talk time (4G)	32 h
Multi-shot	✓	Browsing time (Wi-Fi)	14 h
Self-timer	✓	Browsing time (4G)	15 h
Night mode	✓	Continuous audio playback time	81 h
Auto exposure	✓	Continuous video playback time	19 h
Smile detection	✓	Sensors	
Network		Proximity sensor	✓
Mobile network generation *	5G	Accelerometer	✓
SIM card type *	NanoSIM	Ambient light sensor	✓
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Gyroscope	✓
4G standard *	LTE-TDD & LTE-FDD	Geomagnetic sensor	✓
Voice over LTE (VoLTE) supported	✓	Hall sensor	✓
Wi-Fi *	✓	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Width	74.5 mm
		Depth	8.4 mm
Bluetooth *	✓	Height	159.8 mm
Bluetooth version	5.0	Weight *	190 g
Bluetooth profiles	A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP	Certificates	
aptX technology	✓	Head SAR (EU)	0.503 W/kg
3G bands supported	850,900,1800,1900,2100 MHz	Body SAR (EU)	1.355 W/kg
4G bands supported	700,850,900,1800,1900,2100,2300,2600 MHz	Extremities SAR (EU)	3.11 W/kg

Network		Packaging content	
Tethering (modem-mode)	✓	AC adapter included	✓
		Quick start guide	✓
		Cables included	USB Type-C
		SIM card ejector pin	✓
		Other features	
		Touchscreen	✓
		Technical details	
		Repairability index	8.1



8806090753046

Disclaimer. The information published here (the "Information") is based on sources that can be considered reliable, typically the manufacturer, but this Information is provided "AS IS" and without guarantee of correctness or completeness. The Information is only indicative and can be changed at any time without notification. No rights can be based on the Information. Suppliers or aggregators of this Information do not accept any liability with regard to the content of (web)pages and other documents, including its Information. The publisher of the Information can not be held liable for the content of 3rd party websites that are linking this Information or are linked to from this Information. You as the User of the Information are solely responsible for the choice and usage of this Information. You are not entitled to transfer, copy or otherwise multiply or distribute the Information. You are obliged to follow the directions of the copyright owner(s) with regard to the use of the Information. Exclusively Dutch law is applicable. With regard to price and stock data on the site, the publisher followed a number of starting points, which are not necessarily relevant for your private or business circumstances. Therefore, the price and stock data are only indicative and are subject to changes. You are personally responsible for the way you use and apply this information. As a user of the Information or sites or documents in which this Information is included, you will adhere to standard fair use including avoidance of spamming, ripping, intellectual-property violations, privacy violations, and any other illegal activity.

Publication date: 16-SEP-2024. Prints or copies of Information are only valid on the printed Publication date