

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

Brand : Samsung Product family: Galaxy Product code: SM-G781BZBDEUA

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: Navy. 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 *	Navy
RAM capacity *	6 GB	Colour name	Cloud Navy
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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