

## Samsung Galaxy S20 5G SM-G981B 15,8 cm (6.2") Android 10 USB Type-C 12 GB 128 GB 4000 mAh Pink

**Brand :** Samsung

**Product family:** Galaxy

**Article code:** SM-G981BZIDEUE

**Product name :** SM-G981B

Samsung Galaxy S20 5G SM-G981B. Display diagonal: 15,8 cm (6.2"), Display resolution: 3200 x 1440 pixels. Processor frequency: 2,73 GHz, Processor family: Samsung Exynos, Processor model: 990. RAM capacity: 12 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: 4000 mAh. Product color: Pink. Weight: 163 g



Display		Subscription	
Display diagonal *	15,8 cm (6.2")	Subscription type *	No subscription
Screen shape	Curved edge screen	Ports & interfaces	
Display technology marketing name	Dynamic AMOLED 2X	USB port	✓
Panel type	OLED	USB connector type	USB Type-C
Display glass type	Gorilla Glass	USB version	2.0/3.2 Gen 1 (3.1 Gen 1)
Gorilla Glass version	Gorilla Glass 6	ANT+ enabled	✓
Display resolution *	3200 x 1440 pixels	Messaging	
Display number of colors	16 million colours	Short Message Service (SMS)	✓
Native aspect ratio	20:9	Multimedia Messaging Service (MMS)	✓
Maximum refresh rate	120 Hz	Instant messaging (IM)	✓
Touch technology	Multi-touch	Chat	✓
High Dynamic Range (HDR) supported	✓	E-mail	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Text prediction system	✓
Touchscreen type	Capacitive	Navigation	
Pixel density	563 ppi	Assisted GPS (A-GPS)	✓
Rounded display corners	✓	GPS (satellite)	✓
Processor		GLONASS	✓
Processor family *	Samsung Exynos	BeiDou	✓
Processor model *	990	Galileo	✓
Processor cores	8	Position location *	✓
Processor frequency *	2,73 GHz		
Processor lithography	7 nm		

Processor		Navigation	
Cores frequencies	2x 2.73GHz + 2x 2.5GHz + 4x 2.0GHz	Wi-Fi positioning	✓
Storage		Design	
RAM capacity *	12 GB	Form factor *	Bar
RAM type	LPDDR5	Product color *	Pink
Internal storage capacity *	128 GB	Color name	Cloud Pink
Compatible memory cards *	MicroSD (TransFlash)	Protection features	Dust resistant, Water resistant
Maximum memory card size	1 TB	Performance	
USB mass storage	✓	Fast charging	✓
Camera		Wireless charging	✓
Rear camera sensor size	1/1.76"	Fingerprint reader	✓
Rear camera resolution (numeric) *	12 MP	Face recognition	✓
Second rear camera resolution (numeric)	12 MP	Personal info management (PIM)	Alarm clock, Calculator, Calendar, Notes
Third rear camera resolution (numeric)	64 MP	Speakerphone	✓
Rear camera resolution	9248 x 6936 pixels	Flight mode	✓
Rear camera aperture number	1,8	Personalization	Icons, Menu, Shortcuts
Second rear camera aperture number	2,2	Support for contact groups	✓
Third rear camera aperture number	2	Microphone mute	✓
Rear camera pixel size	1,8 µm	Themes	Wallpapers
Second rear camera pixel size	1,4 µm	USB On-The-Go support	✓
Third rear camera pixel size	0,8 µm	Vibrating alert	✓
Rear camera field of view (FOV) angle	79°	Multimedia	
Second rear camera field of view (FOV) angle	120°	Speakers	stereo
Third rear camera field of view (FOV) angle	76°	Supported video modes	720p, 1080p, 2160p, 4320p
Optical zoom	3x	Audio system	Dolby Atmos
Digital zoom	30x	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 type *	Single camera	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Front camera resolution (numeric) *	10 MP	Image formats supported	BMP, GIF, HEIF, JPEG, PNG, WBMP, WEBP
Front camera aperture number	2,2	Call management	
Front camera pixel size	1,22 µm	Call waiting	✓
Front camera field of view (FOV) angle	80°	Call divert	✓
Rear camera flash *	✓	Call hold	✓
Flash type	LED	Caller ID	✓
Video capture resolution (max)	7680 x 4320 pixels	Conference call	✓
Resolution at capture speed	1280x720@30fps, 1280x720@960fps, 1920x1080@240fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	Speed dialing	✓
Video recording modes	720p, 1080p, 2160p	Call timer	✓
Rear camera type *	Triple camera	Software	
Auto focus	✓	Platform *	Android
Zoom capability	✓	Operating system installed *	Android 10
Video recording	✓	App distribution platform	Google Play
Video stabilizer	✓	Google applications	Google Maps, Google Play
Image stabilizer	✓	Virtual assistant	Samsung Bixby
Geotagging	✓	Battery	
Multi-shot	✓	Removable battery	✗
Self-timer	✓	Battery capacity *	4000 mAh
Night mode	✓	Sensors	
Network		Proximity sensor	✓
Mobile network generation *	5G	Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓

Network		Sensors	
SIM card type *	NanoSIM + eSIM	Orientation sensor	✓
2G standards	Edge, GPRS, GSM	Barometer	✓
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Geomagnetic sensor	✓
4G standard *	LTE	Hall sensor	✓
Wi-Fi	✓	Endurance	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	International Protection (IP) code *	IP68
Bluetooth *	✓	Weight & dimensions	
Bluetooth version	5.0	Width	69,1 mm
3G bands supported	850,900,1900,2100 MHz	Depth	7,9 mm
Tethering (modem-mode)	✓	Height	151,7 mm
Wi-Fi Direct	✓	Weight *	163 g
MIMO	✓	Certificates	
Near Field Communication (NFC)	✓	Head SAR (EU)	0,382 W/kg
		Body SAR (EU)	1,525 W/kg
		Extremities SAR (EU)	1,79 W/kg
		Packaging content	
		AC adapter included *	✓
		Quick start guide	✓
		Warranty card	✓
		Cables included	USB Type-C
		Manual	✓
		SIM card ejector pin	✓
		Other features	
		Touchscreen	✓
		Repairability index	5.7

## Catalog Object Cloud



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