

Samsung Galaxy S10 5G SM-G977B 17 cm (6.7") Single SIM
Android 9.0 USB Type-C 8 GB 256 GB 4500 mAh Silver

Brand : Samsung Product family: Galaxy Product code: SM-G977BZSABTU

Product name : SM-G977B



- Six Cameras with 3D Depth Sensor
- Long-Lasting Intelligent Battery with Super-Fast Charging
- The Galaxy S10 5G is future-ready
6.7" 3040 × 1440 px, Exynos 9820, Octa-core (2.7 GHz + 2.3 GHz + 1.9 GHz), 8 GB RAM, 256 GB Flash, Quadropole/Dual Camera, 5G LTE 2.0, IP68, Samsung Pay, 4500 mAh, Android 9.0
Samsung Galaxy S10 5G SM-G977B. Display diagonal: 17 cm (6.7"), Display resolution: 1440 x 3040 pixels. Processor frequency: 2.7 GHz, Processor family: Samsung Exynos, Processor model: 9820. RAM capacity: 8 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Quad camera. SIM card capability: Single SIM. Operating system installed: Android 9.0. Battery capacity: 4500 mAh. Product colour: Silver. Weight: 198 g

Display		Messaging	
Display diagonal *	17 cm (6.7")	Multimedia Messaging Service (MMS)	✓
Screen shape	Curved edge screen	Instant messaging (IM)	✓
Display technology marketing name	Dynamic AMOLED	Chat	✓
Panel type	OLED	E-mail	✓
Display resolution *	1440 x 3040 pixels	Design	
Touch technology	Multi-touch	Form factor *	Bar
Touchscreen type	Capacitive	Product colour *	Silver
Pixel density	505 ppi	Colour name	Crown Silver
Rounded display corners	✓	International Protection (IP) code	IP68
Processor		Performance	
Processor family *	Samsung Exynos	Fast charging	✓
Processor model *	9820	Wireless charging	✓
Processor cores	8	Fingerprint reader	✓
Processor frequency *	2.7 GHz	Face recognition	✓
Processor lithography	8 nm	Personal info management (PIM)	Alarm clock, Calculator, Calendar, Events reminder, Notes, To-do list
Storage		Speakerphone	✓
RAM capacity *	8 GB	Flight mode	✓
Internal storage capacity *	256 GB	Personalization	Icons, Menu, Shortcuts
USB mass storage	✓	Support for contact groups	✓
Camera		Microphone mute	✓
Rear camera resolution (numeric) *	12 MP	Themes	Wallpapers
Second rear camera resolution (numeric)	12 MP	Vibrating alert	✓
Third rear camera resolution (numeric)	16 MP	Navigation	
Optical zoom	2x	Assisted GPS (A-GPS)	✓
Digital zoom	10x	GPS (satellite)	✓
Front camera type *	Dual camera	GLONASS	✓
Front camera resolution (numeric) *	10 MP	BeiDou	✓
Second front camera resolution (numeric)	8 MP	Galileo	✓
Front camera aperture number	1.9	Position location *	✓
Rear camera flash *	✓	Wi-Fi positioning	✓
Flash type	LED	Multimedia	
Maximum frame rate	60 fps	Audio system	Dolby Atmos
Video recording modes	2160p	Speakers manufacturer	AKG
Rear camera type *	Quad camera		

Camera		Multimedia	
Auto focus	✓	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
Zoom capability	✓		
3D depth rear camera	✓	Video formats supported	3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Face detection	✓		
Video recording	✓	Call management	
Geotagging	✓	Call waiting	✓
Multi-shot	✓	Call divert	✓
Self-timer	✓	Call hold	✓
Network		Caller ID	✓
SIM card capability *	Single SIM	Conference call	✓
Mobile network generation *	5G	Speed dialling	✓
SIM card type *	NanoSIM	Call timer	✓
2G standards	GSM	Software	
3G standards *	WCDMA	Platform *	Android
4G standard *	LTE	Operating system installed *	Android 9.0
Wi-Fi *	✓	App distribution platform	Google Play
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Virtual assistant	Samsung Bixby
		Battery	
Bluetooth *	✓	Battery capacity *	4500 mAh
Bluetooth version	5.0	Sensors	
Wi-Fi Direct	✓	Proximity sensor	✓
MIMO	✓	Accelerometer	✓
Near Field Communication (NFC)	✓	Ambient light sensor	✓
Subscription		Gyroscope	✓
Subscription type *	No subscription	Orientation sensor	✓
Ports & interfaces		Geomagnetic sensor	✓
USB port *	✓	Hall sensor	✓
USB connector type	USB Type-C	Weight & dimensions	
Headphone connectivity	3.5 mm	Width	77.1 mm
Messaging		Depth	7.9 mm
Short Message Service (SMS)	✓	Height	162.6 mm
		Weight *	198 g
		Packaging content	
		AC adapter included	✓
		Quick start guide	✓
		Cables included	USB
		Other features	
		Touchscreen	✓

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