

Samsung Galaxy S8 SM-G950F 14.7 cm (5.8") Single SIM Android 7.0 4G USB Type-C 4 GB 64 GB 3000 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-G950FZKANEE

Product name : SM-G950F

14.732 cm (5.8 ") 2960 x 1440 Super AMOLED, LTE, Octa core (2.3GHz Quad + 1.7GHz Quad) 64 bit, 4GB RAM (LPDDR4), 64GB, Dual Pixel 12MP OIS, NFC, Wi-Fi, Bluetooth, Android

Samsung Galaxy S8 SM-G950F. Display diagonal: 14.7 cm (5.8"), Display resolution: 1440 x 2960 pixels. Processor frequency: 2.3 GHz. RAM capacity: 4 GB, RAM type: LPDDR4, Internal storage capacity: 64 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Single camera. SIM card capability: Single SIM. Operating system installed: Android 7.0. Battery capacity: 3000 mAh. Product colour: Black. Weight: 155 g



Display		Messaging	
Display diagonal *	14.7 cm (5.8")	Instant messaging (IM)	✓
Screen shape	Curved edge screen	Chat	✓
Display technology marketing name	Super AMOLED	E-mail	✓
Panel type	OLED	Design	
Display resolution *	1440 x 2960 pixels	Form factor *	Bar
Display number of colours	16 million colours	Product colour *	Black
Touch technology	Multi-touch	Colour name	Midnight Black
Touchscreen type	Capacitive	Protection features	Dust resistant, Water resistant
Pixel density	570 ppi	Performance	
Rounded display corners	✓	Video call	✓
Second display	✗	Fast charging	✓
Processor		Wireless charging	✓
Processor cores	4	Fingerprint reader	✓
Processor frequency *	2.3 GHz	Personal info management (PIM)	Alarm clock, Calculator, Calendar, Events reminder, Notes, To-do list
64-bit computing	✓	Speakerphone	✓
Coprocessor	✓	Flight mode	✓
Coprocessor frequency	1.7 GHz	Voice dialling	✓
Coprocessor cores	4	Personalization	Icons, Menu, Shortcuts
Storage		Support for contact groups	✓
RAM capacity *	4 GB	Microphone mute	✓
RAM type	LPDDR4	Themes	Wallpapers
RAM clock speed	1866 MHz		

Storage		Performance	
Internal storage capacity *	64 GB	Vibrating alert	✓
Compatible memory cards *	MicroSD (TransFlash)	Navigation	
Maximum memory card size	256 GB	Assisted GPS (A-GPS)	✓
USB mass storage	✓	GPS (satellite)	✓
Camera		GLONASS	✓
Rear camera resolution (numeric) *	12 MP	BeiDou	✓
Rear camera resolution	4032 x 3024 pixels	Galileo	✓
Rear camera aperture number	1.7	Electronic compass	✓
Second rear camera aperture number	1.7	Position location *	✓
Digital zoom	8x	Wi-Fi positioning	✓
Front camera type *	Single camera	Multimedia	
Front camera resolution (numeric) *	8 MP	FM radio	✓
Front camera aperture number	1.7	Playback modes	Zoom
Rear camera flash *	✓	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Flash type	LED		3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Optical sensor size	25.4 / 2.55 mm (1 / 2.55")	Video formats supported	
Maximum frame rate	60 fps	Call management	
Resolution at capture speed	1920x1080@60fps, 3840x2160@30fps	Call waiting	✓
Video recording modes	1080p, 2160p, 720p	Call divert	✓
Rear camera type *	Single camera	Call hold	✓
Auto focus	✓	Caller ID	✓
Zoom capability	✓	Conference call	✓
Face detection	✓	Speed dialling	✓
Video recording	✓	Call timer	✓
Video stabilizer	✓	Software	
Image stabilizer	✓	Platform *	Android
Geotagging	✓	Operating system installed *	Android 7.0
Self-timer	✓	App distribution platform	Google Play
Night mode	✓	Google applications	Google Maps, Google Play, YouTube
Smile detection	✓	Battery	
Network		Battery capacity *	3000 mAh
SIM card capability *	Single SIM	Talk time (3G) *	20 h
Mobile network generation *	4G	Standby time (3G) *	20 h
SIM card type *	NanoSIM	Browsing time (Wi-Fi)	14 h
2G standards	GSM	Browsing time (3G)	11 h
3G standards *	TD-SCDMA, UMTS, WCDMA	Browsing time (4G)	12 h
4G standard *	LTE	Continuous audio playback time	44 h
Wi-Fi	✓	Continuous audio playback time (display off)	67 h
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Continuous video playback time	16 h
Bluetooth *	✓	Sensors	
Bluetooth version	5.0	Proximity sensor	✓
Bluetooth profiles	A2DP, AVCTP, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP	Accelerometer	✓
2G bands (primary SIM)	850,900,1800,1900 MHz	Ambient light sensor	✓
3G bands supported	850,900,1900,2100 MHz	Gyroscope	✓
4G bands supported	700,800,850,900,1800,1900,2100,2300,2500,2600 MHz	Orientation sensor	✓
Tethering (modem-mode)	✓	Barometer	✓
Wi-Fi Direct	✓	Distance sensor	✓
Near Field Communication (NFC)	✓	Magnetic sensor	✓
Subscription		Endurance	
Subscription type *	No subscription	International Protection (IP) code *	IP68
Ports & interfaces			
USB port	✓		
USB connector type	USB Type-C		
USB version	3.2 Gen 2 (3.1 Gen 2)		
Headphone connectivity	3.5 mm		
Mobile High-Definition Link (MHL)	✗		

Ports & interfaces		Weight & dimensions	
ANT+ enabled	✓	Width	68.1 mm
Messaging		Depth	8 mm
Short Message Service (SMS)	✓	Height	148.9 mm
Multimedia Messaging Service (MMS)	✓	Weight *	155 g
		Certificates	
		Head SAR (EU)	0.315 W/kg
		Body SAR (EU)	1.27 W/kg
		Packaging content	
		AC adapter included *	✓
		Quick start guide	✓
		Cables included	USB Type-C
		Headset included	✓
		Other features	
		Touchscreen	✓



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