

Samsung Galaxy S8 14,7 cm (5.8") Single SIM Android 7.0 4G USB Type-C 4 GB 64 GB 3000 mAh Silver

Brand : Samsung Product family: Galaxy Product code: SM-G950FZSA

Product name : S8

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 . 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: Silver. Weight: 155 g



Display		Messaging	
Display diagonal *	14,7 cm (5.8")	Chat	✓
Screen shape	Curved edge screen	E-mail	✓
Display technology marketing name	Super AMOLED	Design	
Panel type	OLED	Form factor *	Bar
Display resolution *	1440 x 2960 pixels	Product colour *	Silver
Display number of colours	16 million colours	Colour name	Arctic Silver
Touch technology	Multi-touch	International Protection (IP) code	IP68
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 dialing	✓
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		
Internal storage capacity *	64 GB		

Storage		Performance	
Compatible memory cards *	MicroSD (TransFlash)	Vibrating alert	✓
Maximum memory card size	256 GB	Navigation	
USB mass storage	✓	Assisted GPS (A-GPS)	✓
Camera		GPS (satellite)	✓
Rear camera resolution (numeric) *	12 MP	GLONASS	✓
Rear camera resolution	4032 x 3024 pixels	BeiDou	✓
Rear camera aperture number	1,7	Galileo	✓
Second rear camera aperture number	1,7	Electronic compass	✓
Digital zoom	8x	Position location *	✓
Front camera type *	Single camera	Wi-Fi positioning	✓
Front camera resolution (numeric) *	8 MP	Multimedia	
Front camera aperture number	1,7	FM radio	✓
Rear camera flash *	✓	Playback modes	Zoom
Flash type	LED	Audio formats supported	3GA, AAC, AMR, AWB, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, WMA, XMF
Optical sensor size	25,4 / 2,55 mm (1 / 2.55")		3G2, 3GP, ASF, AVI, FLV, M4V, MKV, MP4, WEBM, WMV
Maximum frame rate	60 fps	Video formats supported	
Resolution at capture speed	1920x1080@60fps, 3840x2160@30fps	Call management	
Video recording modes	1080p, 2160p, 720p	Call waiting	✓
Rear camera type *	Single camera	Call divert	✓
Auto focus	✓	Call hold	✓
Zoom capability	✓	Caller ID	✓
Face detection	✓	Conference call	✓
Video recording	✓	Speed dialing	✓
Video stabilizer	✓	Call timer	✓
Image stabilizer	✓	Software	
Geotagging	✓	Platform *	Android
Self-timer	✓	Operating system installed *	Android 7.0
Night mode	✓	App distribution platform	Google Play
Smile detection	✓	Google applications	Google Maps, Google Play, YouTube
Network		Battery	
SIM card capability *	Single SIM	Battery capacity *	3000 mAh
Mobile network generation *	4G	Talk time (3G) *	20 h
SIM card type *	NanoSIM	Standby time (3G) *	20 h
2G standards	GSM	Browsing time (Wi-Fi)	14 h
3G standards *	TD-SCDMA, UMTS, WCDMA	Browsing time (3G)	11 h
4G standard *	LTE	Browsing time (4G)	12 h
Wi-Fi	✓	Continuous audio playback time	44 h
Wi-Fi standards	802.11a, Wi-Fi 5 (802.11ac), 802.11b, 802.11g, Wi-Fi 4 (802.11n)	Continuous audio playback time (display off)	67 h
Bluetooth *	✓	Continuous video playback time	16 h
Bluetooth version	5.0	Sensors	
Bluetooth profiles	A2DP, AVCTP, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP	Proximity sensor	✓
2G bands (primary SIM)	850,900,1800,1900 MHz	Accelerometer	✓
3G bands supported	850,900,1900,2100 MHz	Ambient light sensor	✓
4G bands supported	700,800,850,900,1800,1900,2100,2300,2500,2600 MHz	Gyroscope	✓
Tethering (modem-mode)	✓	Orientation sensor	✓
Wi-Fi Direct	✓	Barometer	✓
Near Field Communication (NFC)	✓	Distance sensor	✓
Subscription		Magnetic sensor	✓
Subscription type *	No subscription	Weight & dimensions	
Ports & interfaces		Width	68,1 mm
USB port	✓	Depth	8 mm
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	✓	Height	148,9 mm
Messaging		Weight *	155 g
Short Message Service (SMS)	✓	Certificates	
Multimedia Messaging Service (MMS)	✓	Head SAR (EU)	0,315 W/kg
Instant messaging (IM)	✓	Body SAR (EU)	1,27 W/kg
		Packaging content	
		AC adapter included *	✓
		Quick start guide	✓
		Cables included	USB Type-C
		Headset included	✓
		Logistics data	
		Harmonized System (HS) code	85171300
		Other features	
		Touchscreen	✓



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