

Samsung Galaxy S8 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-G950FZKAPHE

Product name : S8

14.732 cm (5.8 ") Super AMOLED 2960 x 1440, Octa Core (4x 2.3GHz Quad + 4x 1.7GHz), 64GB, 4GB RAM, 12MP Dual Pixel, 4G LTE, Wi-Fi, Bluetooth 5.0, MicroSD, IP68, 3000mAh, Android 7.0, Midnight Black

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 software: 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	Navigation	
Display resolution *	1440 x 2960 pixels	Assisted GPS (A-GPS)	✓
Colour	16 million colours	GPS	✓
Touch technology	Multi-touch	GLONASS	✓
Touch screen type	Capacitive	BeiDou	✓
Pixel density	570 ppi	Galileo	✓
Rounded display corners	✓	Electronic compass	✓
Second display	✗	Position location *	✓
Processor		Wi-Fi positioning	✓
Processor number of cores	4	Design	
Processor frequency *	2,3 GHz	Form factor *	Bar
64-bit computing	✓	Product colour *	Black
Coprocessor	✓	Color name	Midnight Black
Coprocessor frequency	1,7 GHz	Protection features	Dust resistant, Water resistant
Coprocessor cores	4	Performance	
Storage		Video call	✓
RAM capacity *	4 GB	Fast charging	✓
RAM type	LPDDR4	Wireless charging	✓
RAM clock speed	1866 MHz	Fingerprint reader	✓
Internal storage capacity *	64 GB		
Compatible memory cards *	MicroSD (TransFlash)		

Storage		Performance	
Maximum memory card size	256 GB	Personal info management (PIM)	Alarm clock, Calculator, Calendar, Events reminder, Notes, To-do list
USB mass storage	✓	Speakerphone	✓
Camera		Flight mode	✓
Rear camera resolution (numeric) *	12 MP	Voice dialling	✓
Rear camera resolution	4032 x 3024 pixels	Personalization	Icons, Menu, Shortcuts
Rear camera aperture number	1,7	Support for contact groups	✓
Second rear camera aperture number	1,7	Microphone mute	✓
Digital zoom	8x	Themes	Wallpapers
Front camera type *	Single camera	Vibrating alert	✓
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")		Video formats supported
Maximum frame rate	60 fps		
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 dialling	✓
Video stabilizer	✓	Call timer	✓
Image stabilizer	✓	Software	
Geotagging	✓	Platform *	Android
Self-timer	✓	Operating system software *	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	Endurance	
Ports & interfaces		International Protection (IP) code *	IP68
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)	✗		
ANT+ enabled	✓		

Messaging		Weight & dimensions	
Short Message Service (SMS)	✓	Width	68,1 mm
Multimedia Messaging Service (MMS)	✓	Depth	8 mm
		Height	148,9 mm
		Weight *	155 g
		Certificates	
		Head SAR	0,315 W/kg
		Body SAR	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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