



## Samsung Galaxy S9 Dual SIM 64GB SM-G960F/DS

 Price: **513.00 €**
<https://www.mobileshop.eu/samsung/mobile-phones/galaxy-s9-dual-sim-64gb-sm-g960f-ds-midnight-black/>

<b>Network</b>	<b>Technology:</b>	GSM / HSPA / LTE
	<b>2G bands:</b>	GSM 850 / 900 / 1800 / 1900 SIM 1 & SIM 2
	<b>3G bands:</b>	HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100
	<b>4G bands:</b>	LTE band 1(2100), 2(1900), 3(1800), 20(800), 38(2600), 40(2300)
	<b>Speed:</b>	HSPA 42.2/5.76 Mbps, LTE-A (6CA) Cat18 1200/200 Mbps
	<b>GPRS:</b>	Yes
	<b>EDGE:</b>	Yes
<b>Launch</b>	<b>Announced:</b>	2018, February
	<b>Status:</b>	Available. Released 2018, March
<b>Body</b>	<b>Dimensions:</b>	147.7 x 68.7 x 8.5 mm (5.81 x 2.70 x 0.33 in)
	<b>Weight:</b>	163 g (5.75 oz)
	<b>Build:</b>	Front/back glass (Gorilla Glass 5), aluminum frame
	<b>SIM:</b>	Hybrid Dual SIM (Nano-SIM, dual stand-by)
		Samsung Pay (Visa, MasterCard certified), IP68 certified dust/water proof over 1.5 meter and 30 minutes
<b>Display</b>	<b>Type:</b>	Super AMOLED capacitive touchscreen, 16M colors
	<b>Size:</b>	5.8 inches, 84.8 cm <sup>2</sup> (~83.6% screen-to-body ratio)
	<b>Resolution:</b>	1440 x 2960 pixels, 18.5:9 ratio (~570 ppi density)
	<b>Multitouch:</b>	Yes
	<b>Protection:</b>	Corning Gorilla Glass 5
		HDR10 compliant, 3D Touch (home button only), Always-on display
<b>Platform</b>	<b>OS:</b>	Android 8.0 (Oreo)
	<b>Chipset:</b>	Exynos 9810 Octa
	<b>CPU:</b>	Octa-core (4x2.8 GHz Mongoose M3 & 4x1.7 GHz Cortex-A55)
	<b>GPU:</b>	Mali-G72 MP18
<b>Memory</b>	<b>Card slot:</b>	microSD, up to 400 GB (uses SIM 2 slot)
	<b>Internal:</b>	64 GB, 4 GB RAM
<b>Camera</b>	<b>Primary:</b>	12 MP (f/1.5-2.4, 26mm, 1/2.5", Dual Pixel PDAF), phase detection autofocus, OIS, LED flash
	<b>Features:</b>	Geo-tagging, simultaneous 4K video and 9MP image recording, touch focus, face/smile detection, Auto HDR, panorama
	<b>Video:</b>	2160p@60fps, 1080p@240fps, 720p@960fps, HDR, dual-video rec.
	<b>Secondary:</b>	8 MP (f/1.7, 25mm, 1/3.6"), autofocus, 1440p@30fps, dual video call, Auto HDR
<b>Sound</b>	<b>Alert types:</b>	Vibration; MP3, WAV ringtones
	<b>Loudspeaker:</b>	Yes, with stereo speakers
	<b>3.5mm jack:</b>	Yes
<b>Comms</b>	<b>WLAN:</b>	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot
	<b>Bluetooth:</b>	5.0, A2DP, LE, aptX
	<b>GPS:</b>	Yes, with A-GPS, GLONASS, BDS, GALILEO
	<b>NFC:</b>	Yes
	<b>Radio:</b>	No
	<b>USB:</b>	3.1, Type-C 1.0 reversible connector
<b>Features</b>	<b>Sensors:</b>	Iris scanner, fingerprint (rear-mounted), accelerometer, gyro, proximity, compass, barometer, heart rate, SpO2
	<b>Messaging:</b>	SMS(threaded view), MMS, Email, Push Mail, IM
	<b>Browser:</b>	HTML5
		Samsung DeX (desktop experience support), Fast battery charging: (Quick Charge 2.0), Qi/PMA wireless charging (market dependent), ANT+ support, Bixby natural language commands and dictation, MP4/DivX/XviD/H.265 player, MP3/WAV/eAAC+/FLAC player, Photo/video editor, Document editor
<b>Battery</b>		Non-removable Li-Ion 3000 mAh battery (11.55 Wh)