



KEY FEATURES

- Front/back glass (Gorilla Glass 5), aluminum frame
- , with A-GPS, GLONASS, BDS, GALILEO
- FM radio (USA & Canada only) - To be confirmed
- 3.1, Type-C 1.0 reversible connector
- 1440 x 2960 pixels, 18.5:9 ratio (~570 ppi density)

Samsung Galaxy S9 64GB Midnight Black Unlocked

FEATURES

General	2G Network	GSM 1900/1800/900/850	Features	Sensors	Iris scanner, fingerprint (rear-mounted), accelerometer, gyro, proximity, compass, barometer, heart rate, SpO2
	3G Network	HSDPA 2100/1900/1700/900/850			
	4G Network	LTE 2600/1900/1800/900/800/700			
Body	Dimensions	147.70 x 68.70 x 8.50mm	Messaging	Browser	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
	Weight	163 - Samsung Pay (Visa, MasterCard certified) - IP68 certified - dust/water proof (up to 1.5m for 30 mins)			
	SIM	Single SIM (Nano-SIM) or Hybrid Dual SIM (Nano-SIM, dual stand-by)			
	Build	Front/back glass (Gorilla Glass 5), aluminum frame			
Display	Type	Super AMOLED capacitive touchscreen, 16M colors			
	Size	1440 x 5.80 pixels , inches, (570.00 ppi pixel density)			
	Multitouch	Yes			
	Protection	Corning Gorilla Glass 5 - HDR10 compliant			

		- 3D Touch (home button only)
		- Always-on display
	Resolution	1440 x 2960 pixels, 18.5:9 ratio (~570 ppi density)
Sound		- 32-bit/384kHz audio
		- Active noise cancellation with dedicated mic
	Alert types	Vibration; MP3, WAV ringtones
	Loudspeaker	Yes, with stereo speakers
	3.5mm jack	Yes
Memory	Card slot	microSD, up to 400 GB (uses SIM 2 slot) - dual SIM model only
	Internal	64/128/256 GB, 4 GB RAM
Data	Bluetooth	v5.00
Camera	Primary	12 MP (f/1.5-2.4, 26mm, 1/2.5", 1.4 5m, Dual Pixel PDAF), phase detection autofocus, OIS, LED flash,
	Features	Geo-tagging, simultaneous 4K video and 9MP image recording, touch focus, face/smile detection, Auto HDR, panorama
	Video	2160p@60fps, 1080p@240fps, 720p@960fps, HDR, dual-video rec.,
	Secondary	8 MP (f/1.7, 25mm, 1/3.6", 1.22 5m), autofocus, 1440p@30fps, dual video call, Auto HDR
Battery		Non-removable Li-Ion 3000 mAh battery (11.55 Wh)
	Stand-By Talk Time	
Misc	Colors	Midnight Black, Coral Blue, Titanium Gray, Lilac Purple
Comms	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot
	NFC	Yes
	GPS	Yes, with A-GPS, GLONASS, BDS, GALILEO
	Radio	FM radio (USA & Canada only) - To be confirmed
	USB	3.1, Type-C 1.0 reversible connector
Platform	OS	Android 8.0 (Oreo)
	CPU	Octa-core (4x2.7 GHz Mongoose M3 & 4x1.8 GHz Cortex-A55) - EMEA Octa-core (4x2.7 GHz Kryo 385 Gold & 4x1.7 GHz Kryo 385 Silver) - USA & China
	GPU	Mali-G72 MP18 - EMEA Adreno 630 - USA & China
	Chipset	Exynos 9810 Octa - EMEA Qualcomm SDM845 Snapdragon 845 - USA &

China

Launch	Announced	2018, February
	Status	Available. Released 2018, March
Network	2G bands	GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM model only)
	3G bands	HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100
	4G bands	LTE
	EDGE	Yes
	GPRS	Yes
	Speed	HSPA 42.2/5.76 Mbps, LTE-A (6CA) Cat18 1200/200 Mbps