



## Samsung Galaxy S20 Dual SIM 128GB 8GB RAM SM-G980F/DS Cosmic

Price: **671.00 €**

<https://www.mobileshop.eu/samsung/mobile-phones/galaxy-s20-dual-sim-128gb-8gb-ram-sm-g980f-ds-cosmic/>

<b>Network</b>	<b>Technology:</b>	GSM / CDMA / HSPA / EVDO / 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>Speed:</b>	HSPA 42.2/5.76 Mbps, LTE-A (7CA) Cat20 2000/200 Mbps CDMA2000 1xEV-DO
	<b>4G bands:</b>	LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 12(700), 13(700), 17(700), 18(800), 19(800), 20(800), 25(1900), 26(850), 28(700), 32(1500), 38(2600), 39(1900), 40(2300), 41(2500), 66(1700/2100)
<b>Launch</b>	<b>Announced:</b>	2020, February 11
	<b>Status:</b>	Available. Released 2020, March
<b>Body</b>	<b>Dimensions:</b>	151.7 x 69.1 x 7.9 mm
	<b>Weight:</b>	163 g
		Samsung Pay (Visa, MasterCard certified) IP68 dust/water resistant (up to 1.5m for 30 mins)
	<b>Build:</b>	Glass front (Gorilla Glass 6), glass back (Gorilla Glass 6), aluminum frame
	<b>SIM:</b>	Hybrid Dual SIM (Nano-SIM, dual stand-by)
<b>Display</b>	<b>Type:</b>	Dynamic AMOLED 2X capacitive touchscreen, 16M colors
	<b>Size:</b>	6.2 inches, 93.8 cm <sup>2</sup> (~89.5% screen-to-body ratio) HDR10+ Always-on display 120Hz@FHD, 60Hz@QHD
	<b>Protection:</b>	Corning Gorilla Glass 6
	<b>Resolution:</b>	1440 x 3200 pixels, 20:9 ratio (~563 ppi density)
<b>Platform</b>	<b>OS:</b>	Android 10.0; One UI 2
	<b>Chipset:</b>	Exynos 990
	<b>CPU:</b>	Octa-core (2x2.73 GHz Mongoose M5 & 2x2.50 GHz Cortex-A76 & 4x2.0 GHz Cortex-A55)
	<b>GPU:</b>	Mali-G77 MP11
<b>Memory</b>	<b>Card slot:</b>	microSDXC (uses shared SIM slot)
	<b>Internal:</b>	128 GB, 8 GB RAM UFS3.0
<b>Sound</b>	<b>Loudspeaker:</b>	Yes, with stereo speakers
	<b>3.5mm jack:</b>	No
		32-bit/384kHz audio Tuned by AKG
<b>Comms</b>	<b>WLAN:</b>	Wi-Fi 802.11 a/b/g/n/ac/ax, dual-band, Wi-Fi Direct, hotspot
	<b>Bluetooth:</b>	5.0, A2DP, LE
	<b>GPS:</b>	Yes, with A-GPS, GLONASS, BDS, GALILEO
	<b>Radio:</b>	No
	<b>USB:</b>	3.2, Type-C 1.0 reversible connector, USB On-The-Go
	<b>NFC:</b>	Yes
<b>Features</b>	<b>Sensors:</b>	Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer ANT+ Bixby natural language commands and dictation Samsung DeX (desktop experience support)
		Non-removable Li-Po 4000 mAh battery
<b>Battery</b>	<b>Charging:</b>	Fast battery charging 25WUSB Power Delivery 3.0Fast Qi/PMA wireless charging 15WPower bank/Reverse wireless charging 9W
<b>Main Camera</b>	<b>Features:</b>	LED flash, auto-HDR, panorama
	<b>Video:</b>	4320p@24fps, 2160p@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, dual-video rec., stereo sound rec., gyro-EIS & OIS
	<b>Triple:</b>	12 MP, f/1.8, 26mm (wide), 1/1.76", 1.8µm, Dual Pixel PDAF, OIS 64 MP, f/2.0, (telephoto), 1/1.72", 0.8µm, PDAF, OIS, 3x hybrid optical zoom 12 MP, f/2.2, 13mm (ultrawide), 1.4µm, Super Steady video

<b>Selfie camera</b>	<b>Video:</b>	2160p@30/60fps, 1080p@30fps
	<b>Features:</b>	Dual video call, Auto-HDR
	<b>Dual:</b>	10 MP, f/2.2, 26mm (wide), 1/3.2", 1.22µm, Dual Pixel PDAF