

Samsung Galaxy S20 5G Specifications

NETWORK	<u>Technology</u>	<u>GSM / CDMA / HSPA / EVDO / LTE / 5G</u>
LAUNCH	<u>Announced</u>	2020, February 11
	<u>Status</u>	Available. Released 2020, March 6
BODY	<u>Dimensions</u>	151.7 x 69.1 x 7.9 mm (5.97 x 2.72 x 0.31 in)
	<u>Weight</u>	163 g (5.75 oz)
	<u>Build</u>	Glass front (Gorilla Glass 6), glass back (Gorilla Glass 6), aluminum frame
	<u>SIM</u>	Single SIM (Nano-SIM and/or eSIM) or Hybrid Dual SIM (Nano-SIM, dual stand-by)
		Samsung Pay (Visa, MasterCard certified) IP68 dust/water resistant (up to 1.5m for 30 mins)
DISPLAY	<u>Type</u>	Dynamic AMOLED 2X capacitive touchscreen, 16M colors
	<u>Size</u>	6.2 inches, 93.8 cm ² (~89.5% screen-to-body ratio)
	<u>Resolution</u>	1440 x 3200 pixels, 20:9 ratio (~563 ppi density)
	<u>Protection</u>	Corning Gorilla Glass 6
		HDR10+ Always-on display 120Hz@FHD/60Hz@QHD refresh rate
PLATFORM	<u>OS</u>	Android 10.0; One UI 2
	<u>Chipset</u>	Exynos 990 (7 nm+) - Global Qualcomm SM8250 Snapdragon 865 (7 nm+) - USA
	<u>CPU</u>	Octa-core (2x2.73 GHz Mongoose M5 & 2x2.50 GHz Cortex-A76 & 4x2.0 GHz Cortex-A55) - Global Octa-core (1x2.84 GHz Kryo 585 & 3x2.42 GHz Kryo 585 & 4x1.8 GHz Kryo 585) - USA
	<u>GPU</u>	Mali-G77 MP11 - Global Adreno 650 - USA
MEMORY	<u>Card slot</u>	microSDXC (uses shared SIM slot)
	<u>Internal</u>	128GB 12GB RAM UFS 3.0
MAIN CAMERA	<u>Triple</u>	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
	<u>Features</u>	LED flash, auto-HDR, panorama
	<u>Video</u>	4320p@24fps, 2160p@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, dual-video rec., stereo sound rec., gyro-EIS & OIS
SELFIE CAMERA	<u>Dual</u>	10 MP, f/2.2, 26mm (wide), 1/3.2", 1.22µm, Dual Pixel PDAF
	<u>Features</u>	Dual video call, Auto-HDR
	<u>Video</u>	2160p@30/60fps, 1080p@30fps
SOUND	<u>Loudspeaker</u>	Yes, with stereo speakers
	<u>3.5mm jack</u>	No

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		32-bit/384kHz audio Tuned by AKG
COMMS	<u>WLAN</u>	Wi-Fi 802.11 a/b/g/n/ac/ax, dual-band, Wi-Fi Direct, hotspot
	<u>Bluetooth</u>	5.0, A2DP, LE
	<u>GPS</u>	Yes, with A-GPS, GLONASS, BDS, GALILEO
	<u>NFC</u>	Yes
	<u>Radio</u>	FM radio (Snapdragon model only; market/operator dependent)
	<u>USB</u>	3.2, Type-C 1.0 reversible connector, USB On-The-Go
FEATURES	<u>Sensors</u>	Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer
		ANT+ Bixby natural language commands and dictation Samsung DeX (desktop experience support)
BATTERY		Non-removable Li-Po 4000 mAh battery
	<u>Charging</u>	Fast charging 25W USB Power Delivery 3.0 Fast Qi/PMA wireless charging 15W Power bank/Reverse wireless charging 9W
MISC	<u>Colors</u>	Cosmic Grey, Cloud Blue, Cloud Pink, Cloud White, Aura Red
	<u>Models</u>	SM-G981, SM-G981F, SM-G981F/DS, SM-G981B/DS, SM-G981U, SM-G981U1, SM-G981N
	<u>SAR</u>	1.07 W/kg (head) 1.03 W/kg (body)
	<u>SAR EU</u>	0.38 W/kg (head) 1.52 W/kg (body)
	<u>Price</u>	<u>\$ 999.99 / £ 809.99 / € 889.54</u>