

# Samsung Galaxy S22 5G Specifications

<b>NETWORK</b>	<u>Technology</u>	<u>GSM / CDMA / HSPA / EVDO / LTE / 5G</u>
<b>LAUNCH</b>	<u>Announced</u>	2022, February 09
	<u>Status</u>	Release 2022, February 25
<b>BODY</b>	<u>Dimensions</u>	146 x 70.6 x 7.6 mm (5.75 x 2.78 x 0.30 in)
	<u>Weight</u>	167 g / 168 g (mmWave) (5.89 oz)
	<u>Build</u>	Glass front (Gorilla Glass Victus+), glass back (Gorilla Glass Victus+), aluminum frame
	<u>SIM</u>	Single SIM (Nano-SIM) or Dual SIM (2 Nano-SIMs + eSIM, dual stand-by)
		IP68 dust/water resistant (up to 1.5m for 30 mins)
		Armour aluminum frame with tougher drop and scratch resistance (advertised)
<b>DISPLAY</b>	<u>Type</u>	Dynamic AMOLED 2X, 120Hz, HDR10+, 1300 nits (peak)
	<u>Size</u>	6.1 inches, 90.1 cm <sup>2</sup> (~87.4% screen-to-body ratio)
	<u>Resolution</u>	1080 x 2340 pixels, 19.5:9 ratio (~425 ppi density)
	<u>Protection</u>	Corning Gorilla Glass Victus+
		Always-on display
<b>PLATFORM</b>	<u>OS</u>	Android 12, One UI 4.1
	<u>Chipset</u>	Exynos 2200 (4 nm) - Europe Qualcomm SM8450 Snapdragon 8 Gen 1 (4 nm) - ROW
	<u>CPU</u>	Octa-core (1x2.8 GHz Cortex-X2 & 3x2.50 GHz Cortex-A710 & 4x1.8 GHz Cortex-A510) - Europe Octa-core (1x3.00 GHz Cortex-X2 & 3x2.40 GHz Cortex-A710 & 4x1.70 GHz Cortex-A510) - ROW
	<u>GPU</u>	Xclipse 920 - Europe Adreno 730 - ROW
<b>MEMORY</b>	<u>Card slot</u>	No
	<u>Internal</u>	128GB 8GB RAM, 256GB 8GB RAM
		UFS 3.1
<b>MAIN CAMERA</b>	<u>Triple</u>	50 MP, f/1.8, 24mm (wide), 1/1.56", 1.0µm, Dual Pixel PDAF, OIS 10 MP, f/2.4, 70mm (telephoto), 1/3.94", 1.0µm, PDAF, OIS, 3x optical zoom 12 MP, f/2.2, 13mm, 120° (ultrawide), 1/2.55" 1.4µm, Super Steady video
	<u>Features</u>	LED flash, auto-HDR, panorama
	<u>Video</u>	8K@24fps, 4K@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, stereo sound rec., gyro-EIS
<b>SELFIE CAMERA</b>	<u>Single</u>	10 MP, f/2.2, 26mm (wide), 1/3.24", 1.22µm, Dual Pixel PDAF
	<u>Features</u>	Dual video call, Auto-HDR
	<u>Video</u>	4K@30/60fps, 1080p@30fps
<b>SOUND</b>	<u>Loudspeaker</u>	Yes, with stereo speakers
	<u>3.5mm jack</u>	No
		32-bit/384kHz audio Tuned by AKG
<b>COMMS</b>	<u>WLAN</u>	Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, Wi-Fi Direct, hotspot
	<u>Bluetooth</u>	5.2, A2DP, LE
	<u>GPS</u>	Yes, with A-GPS, GLONASS, BDS, GALILEO
	<u>NFC</u>	Yes

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	<u>Radio</u>	Unspecified
	<u>USB</u>	USB Type-C 3.2, USB On-The-Go
<b>FEATURES</b>	<u>Sensors</u>	Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer
		Samsung DeX, Samsung Wireless DeX (desktop experience support) Bixby natural language commands and dictation Samsung Pay (Visa, MasterCard certified)
<b>BATTERY</b>	<u>Type</u>	Li-Ion 3700 mAh, non-removable
	<u>Charging</u>	Fast charging 25W USB Power Delivery 3.0 Fast Qi/PMA wireless charging 15W Reverse wireless charging 4.5W
<b>MISC</b>	<u>Colors</u>	Phantom Black, White, Pink Gold, Green, Graphite, Sky Blue, Violet, Cream
	<u>Models</u>	SM-S901B, SM-S901B/DS, SM-S901U, SM-S901U1, SM-S901W, SM-S901N, SM-S9010, SM-S901E, SM-S901E/DS
	<u>SAR EU</u>	1.21 W/kg (head) 1.59 W/kg (body)
	<u>Price</u>	<a href="#"><u>\$ 799.99 / C\$ 1,099.99</u></a>