

Samsung Galaxy S22 Ultra 5G Specifications

NETWORK	<u>Technology</u>	<u>GSM / CDMA / HSPA / EVDO / LTE / 5G</u>	
LAUNCH	<u>Announced</u>	2022, February 09	
	<u>Status</u>	Release 2022, February 25	
BODY	<u>Dimensions</u>	163.3 x 77.9 x 8.9 mm (6.43 x 3.07 x 0.35 in)	
	<u>Weight</u>	228 g / 229 g (mmWave) (8.04 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)	
DISPLAY		IP68 dust/water resistant (up to 1.5m for 30 mins) Armour aluminum frame with tougher drop and scratch resistance (advertised) Stylus, 2.8ms latency (Bluetooth integration, accelerometer, gyro)	
	<u>Type</u>	Dynamic AMOLED 2X, 120Hz, HDR10+, 1750 nits (peak)	
	<u>Size</u>	6.8 inches, 114.7 cm ² (~90.2% screen-to-body ratio)	
	<u>Resolution</u>	1440 x 3088 pixels (~500 ppi density)	
	<u>Protection</u>	Corning Gorilla Glass Victus+	
PLATFORM	<u>OS</u>	Always-on display 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	
MEMORY	<u>Card slot</u>	No	
	<u>Internal</u>	128GB 8GB RAM, 256GB 12GB RAM, 512GB 12GB RAM, 1TB 12GB RAM UFS 3.1	
MAIN CAMERA	<u>Quad</u>	108 MP, f/1.8, 24mm (wide), 1/1.33", 0.8µm, PDAF, Laser AF, OIS 10 MP, f/4.9, 230mm (periscope telephoto), 1/3.52", 1.12µm, dual pixel PDAF, OIS, 10x optical zoom 10 MP, f/2.4, 70mm (telephoto), 1/3.52", 1.12µm, dual pixel PDAF, OIS, 3x optical zoom 12 MP, f/2.2, 13mm, 120° (ultrawide), 1/2.55", 1.4µm, dual pixel PDAF, 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	
	SELFIE CAMERA	<u>Single</u>	40 MP, f/2.2, 26mm (wide), 1/2.82", 0.7µm, PDAF
		<u>Features</u>	Dual video call, Auto-HDR
SOUND	<u>Video</u>	4K@30/60fps, 1080p@30fps	
	<u>Loudspeaker</u>	Yes, with stereo speakers	
	<u>3.5mm jack</u>	No 32-bit/384kHz audio Tuned by AKG	

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COMMS	<u>WLAN</u>	Wi-Fi 802.11 a/b/g/n/ac/6e, 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
	<u>Radio</u>	Unspecified
	<u>USB</u>	USB Type-C 3.2, USB On-The-Go
FEATURES	<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) Ultra Wideband (UWB) support
BATTERY	<u>Type</u>	Li-Ion 5000 mAh, non-removable
	<u>Charging</u>	Fast charging 45W USB Power Delivery 3.0 Fast Qi/PMA wireless charging 15W Reverse wireless charging 4.5W
MISC	<u>Colors</u>	Phantom Black, White, Burgundy, Green, Graphite, Red, Sky Blue
	<u>Models</u>	SM-S908B, SM-S908B/DS, SM-S908U, SM-S908U1, SM-S908W, SM-S908N, SM-S9080, SM-908E, SM-S908E/DS
	<u>SAR EU</u>	1.05 W/kg (head) 1.58 W/kg (body)
	<u>Price</u>	<u>\$ 1,199.99 / C\$ 1,649.99 / £ 1,999.00</u>
TESTS	<u>Loudspeaker</u>	-27.3 LUFS (Good)