

# Samsung Galaxy S22 Ultra SM-S908B 17.3 cm (6.8") Dual SIM Android 12 5G USB Type-C 12 GB 256 GB 5000 mAh Grey



**Brand :** Samsung      **Product family:** Galaxy      **Product code:** SM-S908BZAGEUB

**Product name :** SM-S908B

- The biggest leap in our video technology
  - The first 4nm processor on Samsung Galaxy
  - The first Galaxy S with built-in S Pen
- Samsung Galaxy S22 Ultra SM-S908B. Display diagonal: 17.3 cm (6.8"), Display resolution: 1440 x 3088 pixels. Processor frequency: 2.8 GHz, Processor family: Samsung Exynos, Processor model: 2200. RAM capacity: 12 GB, RAM type: LPDDR5, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 108 MP, Rear camera type: Quad camera. SIM card capability: Dual SIM. Operating system installed: Android 12. Battery capacity: 5000 mAh. Product colour: Grey. Weight: 228 g

Display		Network	
Display diagonal *	17.3 cm (6.8")	5G bands supported	700,800,850,900,1800,2100,2300,2600,3500,3700 MHz
Screen shape	Curved edge screen	3G data rate (max)	42.2 Mbit/s
Display technology marketing name	Dynamic AMOLED 2X	4G data rate (max)	2000 Mbit/s
Panel type	OLED	Tethering (modem-mode)	✓
Display glass type	Gorilla Glass	MIMO	✓
Gorilla Glass version	Gorilla Glass 7	Modulation	1024-QAM
Display resolution *	1440 x 3088 pixels	Near Field Communication (NFC)	✓
Display number of colours	16 million colours	Subscription	
Native aspect ratio	19.3:9	Subscription type *	No subscription
Contrast ratio (typical)	1000000:1	Ports & interfaces	
Maximum refresh rate	120 Hz	USB port *	✓
Display brightness	500 cd/m <sup>2</sup>	USB connector type	USB Type-C
High Dynamic Range (HDR) supported	✓	USB version	3.2 Gen 1 (3.1 Gen 1)
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)	Design	
Touchscreen type	Capacitive	Form factor *	Bar
Pixel density	500 ppi	Product colour *	Grey
Rounded display corners	✗	International Protection (IP) code	IP68
Processor		Protection features	Dust resistant, Water resistant
Processor family *	Samsung Exynos	Performance	
Processor model *	2200	Fast charging	✓
Processor cores	8	Wireless charging	✓
Processor frequency *	2.8 GHz	Graphics card	AMD Voyager
Storage		Fingerprint reader	✓
User memory	219.4 GB	Face recognition	✓
RAM capacity *	12 GB	Speakerphone	✓
RAM type	LPDDR5	Vibrating alert	✓
Internal storage capacity *	256 GB	Navigation	
Camera		GPS (satellite)	✓
Rear camera resolution (numeric) *	108 MP	GLONASS	✓
Second rear camera resolution (numeric)	10 MP	BeiDou	✓
Third rear camera resolution (numeric)	12 MP	Galileo	✓
		Quasi-Zenith Satellite System (QZSS)	✓
		Position location *	✓

Camera		Multimedia	
Fourth rear camera resolution (numeric)	10 MP	Speakers	stereo
Rear camera aperture number	1.8	Audio system	Dolby Atmos
Second rear camera aperture number	4.9	<b>Software</b>	
Third rear camera aperture number	2.2	Platform *	Android
Fourth rear camera aperture number	2.4	Operating system installed *	Android 12
Optical zoom	10x	App distribution platform	Google Play
Digital zoom	100x	Virtual assistant	Samsung Bixby
Front camera type *	Single camera	<b>Battery</b>	
Front camera resolution (numeric) *	40 MP	Battery technology	Lithium-Ion (Li-Ion)
Front camera aperture number	2.2	Battery voltage	3.88 V
Rear camera flash *	✓	Battery recharge time	1 h
Flash type	LED	Battery weight	66.5 g
Video capture resolution (max)	4320 x 7680 pixels	Wireless Power Share	✓
Maximum frame rate	960 fps	Removable battery	✗
Resolution at capture speed	1280x720@30fps,	Battery capacity *	5000 mAh
	1920x1080@30fps,	Talk time (4G)	38 h
	1920x1080@60fps,	Browsing time (Wi-Fi)	20 h
	3840x2160@30fps,	Browsing time (4G)	19 h
	3840x2160@60fps,	Wireless audio playback time	81 h
7680x4320@24fps	Wireless video playback time	22 h	
Video recording modes	720p, 1080p, 2160p, 4320p	<b>Sensors</b>	
Rear camera type *	Quad camera	Proximity sensor	✓
Auto focus	✓	Accelerometer	✓
Face detection	✓	Ambient light sensor	✓
Video stabilizer	✓	Gyroscope	✓
Image stabilizer	✓	Barometer	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Geomagnetic sensor	✓
Geotagging	✓	Hall sensor	✓
Night mode	✓	<b>Weight &amp; dimensions</b>	
Panorama	✓	Width	77.9 mm
<b>Network</b>		Depth	8.9 mm
SIM card capability *	Dual SIM	Height	163.3 mm
Mobile network generation *	5G	Weight *	228 g
SIM card type *	NanoSIM	<b>Certificates</b>	
3G standards *	UMTS, WCDMA	Head SAR (EU)	1.049 W/kg
4G standard *	LTE-TDD & LTE-FDD	Body SAR (EU)	1.585 W/kg
Voice over LTE (VoLTE) supported	✓	Extremities SAR (EU)	3.18 W/kg
Wi-Fi *	✓	<b>Packaging content</b>	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Quick start guide	✓
Bluetooth *	✓	Warranty card	✓
Bluetooth version	5.2	Cables included	USB Type-C to USB Type-C
3G bands supported	850,900,1700,1900,2100 MHz	Stylus included	✓
4G bands supported	850,900,1800,1900,2100,2300,2600 MHz	SIM card ejector pin	✓
		<b>Technical details</b>	
		Repairability index	8.2



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