

# Samsung Galaxy S22 Ultra SM-S908B/DS 17.3 cm (6.8") Dual SIM Android 12 5G USB Type-C 12 GB 512 GB 5000 mAh Graphite



**Brand :** Samsung      **Product family:** Galaxy      **Product code:** SM-S908BZAHEUB

**Product name :** SM-S908B/DS

- The biggest leap in our video technology
  - The first 4nm processor on Samsung Galaxy
  - The first Galaxy S with built-in S Pen
- Galaxy S22 Ultra 5G, 512GB, 12GB LPDDR5, Graphite, Dual-SIM, 6.8" 173.1mm, 3088 x 1440 Edge Quad HD+, Dynamic AMOLED 2X, 16M Color, 2.8GHz, 2.5GHz, 1.8GHz Octa-Core, 108.0 MP + 10.0 MP + 12.0 MP + 10.0 MP Rear Cameras, 40.0 MP Front Camera, IP68, S-Pen
- Samsung Galaxy S22 Ultra SM-S908B/DS. Display diagonal: 17.3 cm (6.8"), Display resolution: 3088 x 1440 pixels. Processor frequency: 2.8 GHz, Processor family: Samsung Exynos, Processor model: 2200. RAM capacity: 12 GB, RAM type: LPDDR5, Internal storage capacity: 512 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: Graphite. Weight: 228 g

<b>Display</b>		<b>Network</b>	
Display diagonal *	17.3 cm (6.8")	3G bands supported	850,900,1900,2100 MHz
Screen shape	Curved edge screen	4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
Display technology marketing name	Dynamic AMOLED 2X	5G bands supported	700,800,850,900,1800,2100,2300,2500,2600,3500,3700 MHz
Panel type	OLED	Wi-Fi Direct	✓
Display glass type	Gorilla Glass	Near Field Communication (NFC)	✓
Gorilla Glass version	Gorilla Glass Victus	<b>Ports &amp; interfaces</b>	
Display resolution *	3088 x 1440 pixels	USB port *	✓
Display number of colours	16 million colours	USB connector type	USB Type-C
Native aspect ratio	19.3:9	USB version	3.2 Gen 1 (3.1 Gen 1)
Contrast ratio (typical)	1000000:1	Headphone connectivity	USB Type-C
Maximum refresh rate	120 Hz	<b>Design</b>	
Display brightness	1750 cd/m <sup>2</sup>	Form factor *	Bar
Touchscreen type	Capacitive	Product colour *	Graphite
Pixel density	500 ppi	Colour name	Graphite
Rounded display corners	✗	International Protection (IP) code	IP68
<b>Processor</b>		Protection features	Dust resistant, Water resistant
Processor family *	Samsung Exynos	Housing material	Aluminium, Glass
Processor model *	2200	<b>Performance</b>	
Processor cores	8	Fast charging	✓
Processor boost frequency	2.8 GHz	Fingerprint reader	✓
Processor frequency *	2.8 GHz	Face recognition	✓
<b>Storage</b>		Speakerphone	✓
RAM capacity *	12 GB	Vibrating alert	✓
RAM type	LPDDR5	Refurbished	✗
Internal storage capacity *	512 GB	<b>Navigation</b>	
Compatible memory cards *	Not supported	GPS (satellite)	✓
<b>Camera</b>		GLONASS	✓
Rear camera resolution (numeric) *	108 MP	BeiDou	✓
Second rear camera resolution (numeric)	10 MP	Galileo	✓
Third rear camera resolution (numeric)	12 MP	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	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Third rear camera aperture number	2.2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Fourth rear camera aperture number	2.4		
Optical zoom	10x		
Digital zoom	100x		
Front camera type *	Single camera		
Front camera resolution (numeric) *	40 MP		
Front camera aperture number	2.2		
Rear camera flash *	✓		
Flash type	LED		
Video capture resolution (max)	7680 x 4320 pixels		
Maximum frame rate	960 fps		
Video recording modes	720p, 1080p, 2160p, 4320p		
Rear camera type *	Quad camera		
Auto focus	✓		
Face detection	✓		
Video stabilizer	✓		
Image stabilizer	✓		
Image stabilizer type	Optical Image Stabilization (OIS)		
Night mode	✓		
Panorama	✓		
Network		Software	
SIM card capability *	Dual SIM	Platform *	Android
Mobile network generation *	5G	Operating system installed *	Android 12
SIM card type *	NanoSIM + eSIM		
3G standards *	UMTS		
4G standard *	LTE-TDD & LTE-FDD		
Wi-Fi *	✓		
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)		
Bluetooth *	✓		
Bluetooth version	5.2		
		Battery	
		Removable battery	✗
		Battery capacity *	5000 mAh
		Talk time (4G)	38 h
		Browsing time (Wi-Fi)	20 h
		Browsing time (4G)	19 h
		Wireless audio playback time	81 h
		Wireless video playback time	22 h
		Sensors	
		Proximity sensor	✓
		Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Barometer	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		Weight & dimensions	
		Width	77.9 mm
		Depth	8.9 mm
		Height	163.3 mm
		Weight *	228 g
		Certificates	
		Head SAR (EU)	1.049 W/kg
		Body SAR (EU)	1.585 W/kg
		Extremities SAR (EU)	3.18 W/kg
		Packaging content	
		Cables included	USB Type-C to USB Type-C
		Stylus included	✓
		SIM card ejector pin	✓
		Technical details	
		Repairability index	8.2



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