



Samsung Galaxy S25 Ultra SM-S938B/DS 17.5 cm (6.9") Dual SIM Android 15 5G USB Type-C 12 GB 512 GB 5000 mAh Black



Brand : Samsung

Product family: Galaxy

Product code: SM-S938BAKGEUE

Product name : SM-S938B/DS

Samsung Galaxy S25 Ultra SM-S938B/DS. Display diagonal: 17.5 cm (6.9"), Display resolution: 3120 x 1440 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Elite. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 200 MP, Rear camera type: Quad camera. SIM card capability: Dual SIM. Operating system installed: Android 15. Battery capacity: 5000 mAh. Product colour: Black. Weight: 218 g

Display		Network	
Display diagonal *	17.5 cm (6.9")	SIM card capability *	Dual SIM
Screen shape	Flat	Mobile network generation *	5G
Display technology marketing name	Dynamic AMOLED 2X	SIM card type *	NanoSIM + eSIM
Panel type	AMOLED	3G standards *	UMTS, WCDMA
Display resolution *	3120 x 1440 pixels	4G standard *	LTE-TDD & LTE-FDD
Display number of colours	16 million colours	5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD
Maximum refresh rate	120 Hz	Wi-Fi	✓
Display brightness	1500 cd/m ²	Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
Pixel density	500 ppi	Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)
Brand specific technologies	Always-on display	Bluetooth *	✓
Rounded display corners	✓	Bluetooth version	5.4
		3G bands supported	850,900,1900,2100 MHz
		4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
		5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz
		4G data rate (max)	2000 Mbit/s
		5G data rate (max)	4.66 Gbit/s
		Wi-Fi Direct	✓
		MIMO	✓
		Modulation	4096-QAM
		Near Field Communication (NFC)	✓
Processor		Ports & interfaces	
Processor family *	Qualcomm Snapdragon	USB port	✓
Processor model *	8 Elite	USB connector type	USB Type-C
Processor cores	8	USB version	3.2 Gen 1 (3.1 Gen 1)
Processor boost frequency	4.47 GHz	Headphone connectivity	USB Type-C
AI processor family	Qualcomm		
Storage		Navigation	
User memory	474.2 GB	GPS (satellite)	✓
RAM capacity *	12 GB	GLONASS	✓
Internal storage capacity *	512 GB	BeiDou	✓
Compatible memory cards *	Not supported	Galileo	✓
		Quasi-Zenith Satellite System (QZSS)	✓
		Position location *	✓
Camera		Design	
Rear camera sensor size	1/1.3"	Form factor *	Bar
Second rear camera sensor size	1/2.52"	Product colour *	Black
Third rear camera sensor size	1/2.52"	Colour name	Titanium Jetblack
Rear camera resolution (numeric) *	200 MP		
Second rear camera resolution (numeric)	50 MP	Performance	
Third rear camera resolution (numeric)	50 MP	Fast charging	✓
Fourth rear camera resolution (numeric)	10 MP	Wireless charging	✓
Rear camera aperture number	1.7		
Second rear camera aperture number	3.4		
Third rear camera aperture number	1.9		

Camera		Performance	
Fourth rear camera aperture number	2.4	Fingerprint reader	✓
Rear camera pixel size	0.6 µm	Face recognition	✓
Second rear camera pixel size	0.7 µm	Multimedia	
Third rear camera pixel size	0.7 µm	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Fourth rear camera pixel size	1.12 µm	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera field of view (FOV) angle	85°	Software	
Second rear camera field of view (FOV) angle	22°	Platform *	Android
Third rear camera field of view (FOV) angle	120°	Operating system installed *	Android 15
Optical zoom	10x	User interface (UI)	One UI 7.0
Digital zoom	100x	Battery	
Front camera type *	Single camera	Battery capacity *	5000 mAh
Front camera sensor size	1/3.2"	Sensors	
Front camera resolution (numeric) *	12 MP	Proximity sensor	✓
Front camera aperture number	2.2	Accelerometer	✓
Front camera pixel size	1.12 µm	Ambient light sensor	✓
Front camera field of view (FOV) angle	80°	Gyroscope	✓
Rear camera flash *	✓	Barometer	✓
Flash type	LED	Geomagnetic sensor	✓
Video capture resolution (max)	4320 x 7680 pixels	Hall sensor	✓
Maximum frame rate	240 fps	Power	
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	USB Type-C charging port *	✓
Video recording modes	720p, 1080p, 2160p, 4320p	USB Power Delivery (USB PD)	✓
Rear camera type *	Quad camera	USB Type-C required charging power (min) *	10 W
Auto focus	✓	USB Type-C required charging power (max) *	45 W
Image stabilizer	✓	Endurance	
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency class *	B
Night mode	✓	Energy efficiency scale	A to G
Panorama	✓	Battery endurance per cycle *	2694 min
Portrait mode	✓	Battery endurance in cycles *	2000
Slow motion mode	✓	Repeated free fall reliability class *	A
Slow motion rate	240fps in FHD, 120fps in UHD	Repairability class *	C
Camera image formats supported	DNG, HEIF, JPEG	International Protection (IP) code *	IP68
		Weight & dimensions	
		Width	77.6 mm
		Depth	8.2 mm
		Height	162.8 mm
		Weight *	218 g
		Packaging content	
		AC adapter included *	✗
		Other features	
		Repairability index	3.2



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