

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: 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/m²	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
Processor		3G bands supported	850,900,1900,2100 MHz
Processor family *	Snapdragon	4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
Processor model *	8 Elite	5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz
Processor cores	8	4G data rate (max)	2000 Mbit/s
Processor boost frequency	4.47 GHz	5G data rate (max)	4.66 Gbit/s
AI processor family	Qualcomm	Wi-Fi Direct	✓
Storage		MIMO	✓
User memory	474.2 GB	Modulation	4096-QAM
RAM capacity *	12 GB	Near Field Communication (NFC)	✓
Internal storage capacity *	512 GB	Ports & interfaces	
Compatible memory cards *	Not supported	USB port	✓
Camera		USB connector type	USB Type-C
Rear camera sensor size	1/1.3"	USB version	3.2 Gen 1 (3.1 Gen 1)
Second rear camera sensor size	1/2.52"	Headphone connectivity	USB Type-C
		Navigation	
		GPS (satellite)	✓
		GLONASS	✓
		BeiDou	✓
		Galileo	✓

Camera		Navigation	
Third rear camera sensor size	1/2.52"	Quasi-Zenith Satellite System (QZSS)	✓
Rear camera resolution (numeric) *	200 MP	Position location *	✓
Second rear camera resolution (numeric)	50 MP	Design	
Third rear camera resolution (numeric)	50 MP	Form factor *	Bar
Fourth rear camera resolution (numeric)	10 MP	Product colour *	Black
Rear camera aperture number	1.7	Colour name	Titanium Jetblack
Second rear camera aperture number	3.4	Performance	
Third rear camera aperture number	1.9	Fast charging	✓
Fourth rear camera aperture number	2.4	Wireless charging	✓
Rear camera pixel size	0.6 µm	Fingerprint reader	✓
Second rear camera pixel size	0.7 µm	Face recognition	✓
Third rear camera pixel size	0.7 µm	Multimedia	
Fourth rear camera pixel size	1.12 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
Rear camera field of view (FOV) angle	85°	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera field of view (FOV) angle	22°	Software	
Third rear camera field of view (FOV) angle	120°	Platform *	Android
Optical zoom	10x	Operating system installed *	Android 15
Digital zoom	100x	User interface (UI)	One UI 7.0
Front camera type *	Single camera	Battery	
Front camera sensor size	1/3.2"	Battery capacity *	5000 mAh
Front camera resolution (numeric) *	12 MP	Sensors	
Front camera aperture number	2.2	Proximity sensor	✓
Front camera pixel size	1.12 µm	Accelerometer	✓
Front camera field of view (FOV) angle	80°	Ambient light sensor	✓
Rear camera flash *	✓	Gyroscope	✓
Flash type	LED	Barometer	✓
Video capture resolution (max)	4320 x 7680 pixels	Geomagnetic sensor	✓
Maximum frame rate	240 fps	Hall sensor	✓
Resolution at capture speed	1280x720@30fps,	Power	
	1920x1080@30fps,	USB Type-C charging port *	✓
	1920x1080@60fps,	USB Power Delivery (USB PD)	✓
Video recording modes	720p, 1080p, 2160p, 4320p	USB Type-C required charging power (min) *	10 W
Rear camera type *	Quad camera	USB Type-C required charging power (max) *	45 W
Auto focus	✓	Endurance	
Image stabilizer	✓	Energy efficiency class *	B
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency scale	A to G
Night mode	✓	Battery endurance per cycle *	2694 min
Panorama	✓	Battery endurance in cycles *	2000
Portrait mode	✓	Repeated free fall reliability class *	A
Slow motion mode	✓	Repairability class *	C
Slow motion rate	240fps in FHD, 120fps in UHD	International Protection (IP) code *	IP68
Camera image formats supported	DNG, HEIF, JPEG	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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