

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,
Titanium

Brand : Samsung Product family: Galaxy Product code: SM-S938BAKGEUB

Product name : SM-S938B/DS

- Galaxy AI. The hyper-intelligent partner who gets you
- Next-gen ProVisual Engine. Our best camera and editing experience
- The most powerful processor custom-made for Galaxy

SM-S938BAKGEUB

Samsung Galaxy S25 Ultra SM-S938B/DS. Display diagonal: 17.5 cm (6.9"), Display resolution: 3120 x 1440 pixels. Processor frequency: 3.5 GHz, 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, Titanium. Weight: 218 g



Display		Network	
Display diagonal *	17.5 cm (6.9")	Bluetooth version	5.4
Screen shape	Flat	2G bands (primary SIM)	850,1900,1800,900 MHz
Display technology marketing name	Dynamic AMOLED 2X	3G bands supported	2100,900,1900,850,1700 MHz
Panel type	AMOLED	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Display resolution *	3120 x 1440 pixels	5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz
Display number of colours	16 million colours	4G data rate (max)	2000 Mbit/s
Maximum refresh rate	120 Hz	5G data rate (max)	4.66 Gbit/s
Display brightness	1500 cd/m²	Wi-Fi Direct	✓
Pixel density	500 ppi	MIMO	✓
Brand specific technologies	Always-on display	Modulation	4096-QAM
Rounded display corners	✓	Near Field Communication (NFC)	✓
Processor		Ports & interfaces	
Processor family *	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
Processor frequency *	3.5 GHz	Mobile High-Definition Link (MHL)	✗
AI processor family	Qualcomm	Navigation	
Storage		GPS (satellite)	✓
User memory	474.2 GB	GLONASS	✓
RAM capacity *	12 GB	BeiDou	✓
Internal storage capacity *	512 GB	Galileo	✓
Compatible memory cards *	Not supported	Quasi-Zenith Satellite System (QZSS)	✓
Camera		Position location *	✓
Rear camera sensor size	1/1.3"	Design	
		Form factor *	Bar
		Product colour *	Black, Titanium

Camera		Design	
Second rear camera sensor size	1/2.52"	Colour name	Titanium Jetblack
Third rear camera sensor size	1/2.52"	Performance	
Rear camera resolution (numeric) *	200 MP	Fast charging	✓
Second rear camera resolution (numeric)	50 MP	Wireless charging	✓
Third rear camera resolution (numeric)	50 MP	Fingerprint reader	✓
Fourth rear camera resolution (numeric)	10 MP	Face recognition	✓
Rear camera aperture number	1.7	Hearing aid compatibility	✓
Second rear camera aperture number	3.4	Multimedia	
Third rear camera aperture number	1.9	Speakers	stereo
Fourth rear camera aperture number	2.4	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 pixel size	0.6 µm	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera pixel size	0.7 µm	Software	
Third rear camera pixel size	0.7 µm	Platform *	Android
Fourth rear camera pixel size	1.12 µm	Operating system installed *	Android 15
Rear camera field of view (FOV) angle	85°	User interface (UI)	One UI 7.0
Second rear camera field of view (FOV) angle	22°	Battery	
Third rear camera field of view (FOV) angle	120°	Removable battery	✗
Optical zoom	5x	Battery capacity *	5000 mAh
Digital zoom	100x	Continuous video playback time	31 h
Front camera type *	Single camera	Sensors	
Front camera sensor size	1/3.2"	Proximity sensor	✓
Front camera resolution (numeric) *	12 MP	Accelerometer	✓
Front camera aperture number	2.2	Ambient light sensor	✓
Front camera pixel size	1.12 µm	Gyroscope	✓
Front camera field of view (FOV) angle	80°	Barometer	✓
Rear camera flash *	✓	Geomagnetic sensor	✓
Flash type	LED	Hall sensor	✓
Video capture resolution (max)	7680 x 4320 pixels	Power	
Maximum frame rate	30 fps	USB Type-C charging port *	✓
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	USB Power Delivery (USB PD)	✓
		USB Type-C required charging power (min) *	10 W
Video recording modes	720p, 1080p, 2160p, 4320p	USB Type-C required charging power (max) *	45 W
Rear camera type *	Quad camera	Endurance	
Auto focus	✓	Energy efficiency class *	B
Image stabilizer	✓	Energy efficiency scale	A to G
Image stabilizer type	Optical Image Stabilization (OIS)	Battery endurance per cycle *	2694 min
Night mode	✓	Battery endurance in cycles *	2000
Panorama	✓	Repeated free fall reliability class *	A
Portrait mode	✓	Repairability class *	C
Slow motion mode	✓	International Protection (IP) code *	IP68
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Weight & dimensions	
Camera image formats supported	DNG, HEIF, JPEG	Width	77.6 mm
Network		Depth	8.2 mm
SIM card capability *	Dual SIM	Height	162.8 mm
Mobile network generation *	5G	Weight *	218 g
SIM card type *	NanoSIM + eSIM	Certificates	
2G standards	GSM	Head SAR (EU)	1.246 W/kg
3G standards *	WCDMA	Body SAR (EU)	1.42 W/kg
4G standard *	LTE-TDD & LTE-FDD		
5G standard *	Sub6 SDL, Sub6 TDD		

Network		Packaging content	
Wi-Fi	✓	AC adapter included *	✗
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Stylus included	✓
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)	Other features	
Bluetooth *	✓	Compatibility	Galaxy Ring, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
		Repairability index	3.2
		Technical details	
		Security update term	31 January 2032



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Catalog Object Cloud



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