

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-S938BZKGEEE

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

Galaxy 25 Ultra Enterprise Edition, 6.9", Dynamic AMOLED 2X, QuadHD+ (3120 x 1440p), 120Hz, Snapdragon 8 Elite, 12GB RAM, 512GB ROM, 200MP + 50MP + 50MP + 10MP / 12MP, IP68, Dual-SIM, 5G, Bluetooth 5.4, Wi-Fi 7, NFC, 5000mAh

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, Titanium. 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	✓
RAM capacity *	12 GB	Modulation	4096-QAM
Internal storage capacity *	512 GB	Near Field Communication (NFC)	✓
Compatible memory cards *	Not supported	Ports & interfaces	
Camera		USB port	✓
Rear camera sensor size	1/1.3"	USB connector type	USB Type-C
Second rear camera sensor size	1/2.52"	USB version	3.2 Gen 1 (3.1 Gen 1)
Third rear camera sensor size	1/2.52"	Headphone connectivity	USB Type-C
Navigation			
		GPS (satellite)	✓
		GLONASS	✓
		BeiDou	✓
		Galileo	✓

Camera		Navigation	
Rear camera resolution (numeric) *	200 MP	Quasi-Zenith Satellite System (QZSS)	✓
Second rear camera resolution (numeric)	50 MP	Position location *	✓
Third rear camera resolution (numeric)	50 MP		
Fourth rear camera resolution (numeric)	10 MP		
Rear camera aperture number	1.7		
Second rear camera aperture number	3.4		
Third rear camera aperture number	1.9		
Fourth rear camera aperture number	2.4		
Rear camera pixel size	0.6 µm		
Second rear camera pixel size	0.7 µm		
Third rear camera pixel size	0.7 µm		
Fourth rear camera pixel size	1.12 µm		
Rear camera field of view (FOV) angle	85°		
Second rear camera field of view (FOV) angle	22°		
Third rear camera field of view (FOV) angle	120°		
Optical zoom	10x		
Digital zoom	100x		
Front camera type *	Single camera		
Front camera sensor size	1/3.2"		
Front camera resolution (numeric) *	12 MP		
Front camera aperture number	2.2		
Front camera pixel size	1.12 µm		
Front camera field of view (FOV) angle	80°		
Rear camera flash *	✓		
Flash type	LED		
Video capture resolution (max)	4320 x 7680 pixels		
Maximum frame rate	240 fps		
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps		
Video recording modes	720p, 1080p, 2160p, 4320p		
Rear camera type *	Quad camera		
Auto focus	✓		
Image stabilizer	✓		
Image stabilizer type	Optical Image Stabilization (OIS)		
Night mode	✓		
Panorama	✓		
Portrait mode	✓		
Slow motion mode	✓		
Slow motion rate	240fps in FHD, 120fps in UHD		
Camera image formats supported	DNG, HEIF, JPEG		
		Design	
		Form factor *	Bar
		Product colour *	Black, Titanium
		Performance	
		Fast charging	✓
		Wireless charging	✓
		Fingerprint reader	✓
		Face recognition	✓
		Multimedia	
		Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
		Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
		Software	
		Platform *	Android
		Operating system installed *	Android 15
		User interface (UI)	One UI 7.0
		Battery	
		Battery capacity *	5000 mAh
		Sensors	
		Proximity sensor	✓
		Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Barometer	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		Power	
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		USB Type-C required charging power (min) *	10 W
		USB Type-C required charging power (max) *	45 W
		Endurance	
		Energy efficiency class *	B
		Energy efficiency scale	A to G
		Battery endurance per cycle *	2694 min
		Battery endurance in cycles *	2000
		Repeated free fall reliability class *	A
		Repairability class *	C
		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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