

Samsung Galaxy S25 Ultra 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-S938BZKGEUB

Product name : Galaxy S25 Ultra

- 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-S938BZKGEUB

Samsung Galaxy S25 Ultra . 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 *	✓
Screen shape	Flat	Bluetooth version	5.4
Display technology marketing name	Dynamic AMOLED 2X	2G bands (primary SIM)	850,1900,1800,900 MHz
Panel type	AMOLED	3G bands supported	2100,900,1900,850,1700 MHz
Display resolution *	3120 x 1440 pixels	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Display number of colours	16 million colours	5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz
Maximum refresh rate	120 Hz	4G data rate (max)	2000 Mbit/s
Display brightness	1500 cd/m²	5G data rate (max)	4.66 Gbit/s
Pixel density	500 ppi	Wi-Fi Direct	✓
Brand specific technologies	Always-on display	MIMO	✓
Rounded display corners	✓	Modulation	4096-QAM
Processor		Near Field Communication (NFC)	✓
Processor family *	Snapdragon	Ports & interfaces	
Processor model *	8 Elite	USB port	✓
Processor cores	8	USB connector type	USB Type-C
Processor boost frequency	4.47 GHz	USB version	3.2 Gen 1 (3.1 Gen 1)
Processor frequency *	3.5 GHz	Headphone connectivity	USB Type-C
AI processor family	Qualcomm	Mobile High-Definition Link (MHL)	✗
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	✓
Camera		Quasi-Zenith Satellite System (QZSS)	✓
Rear camera sensor size	1/1.3"	Position location *	✓
Second rear camera sensor size	1/2.52"	Design	
Third rear camera sensor size	1/2.52"	Form factor *	Bar
		Product colour *	Black, Titanium

Camera		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,	USB Power Delivery (USB PD)	✓
	1920x1080@30fps,	USB Type-C required charging power (min) *	10 W
	1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	USB Type-C required charging power (max) *	45 W
Video recording modes	720p, 1080p, 2160p, 4320p	Endurance	
Rear camera type *	Quad camera	Energy efficiency class *	B
Auto focus	✓	Energy efficiency scale	A to G
Image stabilizer	✓	Battery endurance per cycle *	2694 min
Image stabilizer type	Optical Image Stabilization (OIS)	Battery endurance in cycles *	2000
Night mode	✓	Repeated free fall reliability class *	A
Panorama	✓	Repairability class *	C
Portrait mode	✓	International Protection (IP) code *	IP68
Slow motion mode	✓	Weight & dimensions	
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Width	77.6 mm
Camera image formats supported	DNG, HEIF, JPEG	Depth	8.2 mm
Network		Height	162.8 mm
SIM card capability *	Dual SIM	Weight *	218 g
Mobile network generation *	5G	Certificates	
SIM card type *	NanoSIM + eSIM	Head SAR (EU)	1.246 W/kg
2G standards	GSM	Body SAR (EU)	1.42 W/kg
3G standards *	WCDMA	Packaging content	
4G standard *	LTE-TDD & LTE-FDD	AC adapter included *	✗
5G standard *	Sub6 SDL, Sub6 TDD	Stylus included	✓
Wi-Fi	✓		

Network		Other features	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)		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
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)	Compatibility	
		Repairability index	8.5
Technical details			
		Security update term	31 January 2032



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