SAMSUNG

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	
Display diagonal *	17.5 cm (6.9")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	AMOLED
Display resolution *	3120 x 1440 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Display brightness	1500 cd/m²
Pixel density	500 ppi
Brand specific technologies	Always-on display
Rounded display corners	✔

Processor	
Processor family *	Snapdragon
Processor model *	8 Elite
Processor cores	8
Processor frequency *	3.5 GHz
Processor boost frequency	4.47 GHz
AI processor family	Qualcomm

Storage	
User memory	474.2 GB
RAM capacity *	12 GB
Internal storage capacity *	512 GB
Compatible memory cards *	Not supported

Camera	
Rear camera sensor size	1/1.3"
Second rear camera sensor size	1/2.52"
Third rear camera sensor size	1/2.52"

Network	
3G bands supported	2100,900,1900,850,1700 MHz
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 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)	✔

Ports & interfaces	
USB port	✔
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C
Mobile High-Definition Link (MHL)	✘

Navigation	
GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Position location *	✔

Design	
Form factor *	Bar
Product colour *	Black, Titanium

Performance	
Fast charging	✔
Wireless charging	✔

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Camera	
Rear camera resolution (numeric) *	200 MP
Second rear camera resolution (numeric)	50 MP
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	5x
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)	7680 x 4320 pixels
Maximum frame rate	30 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 @FHD, 120fps @FHD, 120fps @UHD
Camera image formats supported	DNG, HEIF, JPEG

Network	
SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 SDL, Sub6 TDD
Wi-Fi	✔

Performance	
Fingerprint reader	✔
Face recognition	✔
Hearing aid compatibility	✔

Multimedia	
Speakers	stereo
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	
Removable battery	✘
Battery endurance in cycles *	2000
Battery capacity *	5000 mAh
Continuous video playback time (max)	31 h

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
Repeated free fall reliability class *	A
Repairability class *	C
Repairability index	8.5
International Protection (IP) code *	IP68

Weight & dimensions	
Width	77.6 mm
Depth	8.2 mm
Height	162.8 mm
Weight *	218 g

Packaging data	
Package width	186 mm
Package depth	104 mm
Package height	30 mm
Package weight	380 g

Packaging content	
AC adapter included *	✘

Network	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)
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)
Bluetooth *	✔
Bluetooth version	5.4
2G bands (primary SIM)	850,1900,1800,900 MHz

Packaging content	
Stylus included	✔

Specific absorption rate (SAR)	
Head SAR (EU)	1.246 W/kg
Body SAR (EU)	1.42 W/kg

Other features	
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
Introduction year	2025

Technical details	
Security update term	31 January 2032

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Catalog Object Cloud

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