

Samsung Galaxy S25 Ultra 17.5 cm (6.9") Dual SIM Android 15 5G
USB Type-C 12 GB 256 GB 5000 mAh Grey, Titanium

Brand : Samsung Product family: Galaxy Product code: SM-S938BZTDEUB

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-S938BZTDEUB

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: 256 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: Grey, 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)	✓
RAM capacity *	12 GB	GLONASS	✓
Internal storage capacity *	256 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
Rear camera resolution (numeric) *	200 MP	Product colour *	Grey, Titanium
Second rear camera resolution (numeric)	50 MP	Colour name	Titanium Grey
Third rear camera resolution (numeric)	50 MP	Performance	
		Fast charging	✓
		Wireless charging	✓

Camera		Performance	
Fourth rear camera resolution (numeric)	10 MP	Fingerprint reader	✓
Rear camera aperture number	1.7	Face recognition	✓
Second rear camera aperture number	3.4	Hearing aid compatibility	✓
Third rear camera aperture number	1.9	Multimedia	
Fourth rear camera aperture number	2.4	Speakers	stereo
Rear camera pixel size	0.6 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
Second rear camera pixel size	0.7 µm	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Third rear camera pixel size	0.7 µm	Software	
Fourth rear camera pixel size	1.12 µm	Platform *	Android
Rear camera field of view (FOV) angle	85°	Operating system installed *	Android 15
Second rear camera field of view (FOV) angle	22°	User interface (UI)	One UI 7.0
Third rear camera field of view (FOV) angle	120°	Battery	
Optical zoom	5x	Removable battery	✗
Digital zoom	100x	Battery capacity *	5000 mAh
Front camera type *	Single camera	Continuous video playback time	31 h
Front camera sensor size	1/3.2"	Sensors	
Front camera resolution (numeric) *	12 MP	Proximity sensor	✓
Front camera aperture number	2.2	Accelerometer	✓
Front camera pixel size	1.12 µm	Ambient light sensor	✓
Front camera field of view (FOV) angle	80°	Gyroscope	✓
Rear camera flash *	✓	Barometer	✓
Flash type	LED	Geomagnetic sensor	✓
Video capture resolution (max)	7680 x 4320 pixels	Hall sensor	✓
Maximum frame rate	30 fps	Power	
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	USB Type-C charging port *	✓
Video recording modes	720p, 1080p, 2160p, 4320p	USB Power Delivery (USB PD)	✓
Rear camera type *	Quad camera	USB Type-C required charging power (min) *	10 W
Auto focus	✓	USB Type-C required charging power (max) *	45 W
Image stabilizer	✓	Endurance	
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency class *	B
Night mode	✓	Energy efficiency scale	A to G
Panorama	✓	Battery endurance per cycle *	2694 min
Portrait mode	✓	Battery endurance in cycles *	2000
Slow motion mode	✓	Repeated free fall reliability class *	A
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Repairability class *	C
Camera image formats supported	DNG, HEIF, JPEG	International Protection (IP) code *	IP68
Network		Weight & dimensions	
SIM card capability *	Dual SIM	Width	77.6 mm
Mobile network generation *	5G	Depth	8.2 mm
SIM card type *	NanoSIM + eSIM	Height	162.8 mm
2G standards	GSM	Weight *	218 g
3G standards *	WCDMA	Certificates	
4G standard *	LTE-TDD & LTE-FDD	Head SAR (EU)	1.246 W/kg
5G standard *	Sub6 SDL, Sub6 TDD	Body SAR (EU)	1.42 W/kg
Wi-Fi	✓	Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	AC adapter 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)	Stylus included	✓

Network		Other features	
Bluetooth *	✓		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
		Compatibility	
		Repairability index	8.5
Technical details			
		Security update term	31 January 2032



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