SAMSUNG

Samsung Galaxy S25 Ultra 17.5 cm (6.9") Dual SIM Android 15 5G USB Type-C 12 GB 512 GB 5000 mAh Grey, Titanium

Brand : Samsung

Product family: Galaxy

Product code: SM-S938BZTGEUB

Product name : Galaxy S25 Ultra

Galaxy S25 Ultra Smartphone AI, Display 6.9'' QHD+ Dynamic AMOLED 2X, Fotocamera 200MP, RAM 12GB, 512GB, 5.000 mAh, Titanium Gray
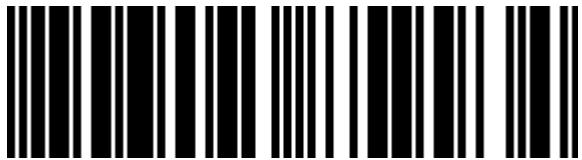Samsung Galaxy S25 Ultra . Display diagonal: 17.5 cm (6.9"), Display resolution: 3120 x 1440 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Elite. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 200 MP, Rear camera type: Quad camera. SIM card capability: Dual SIM. Operating system installed: Android 15. Battery capacity: 5000 mAh. Product colour: Grey, 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 *	Qualcomm Snapdragon
Processor model *	8 Elite
Processor cores	8
Processor boost frequency	4.47 GHz
Artificial Intelligence processor family	Qualcomm

Storage

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"
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

Camera

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

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD
Wi-Fi	✔
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
3G bands supported	850,900,1900,2100 MHz
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 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

Design

Form factor *	Bar
Product colour *	Grey, Titanium
International Protection (IP) code	IP68

Performance

Fast charging	✔
Wireless charging	✔
Fingerprint reader	✔

Camera

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	✔

Performance

Face recognition	✔

Navigation

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

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
Operating system fork	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	✔

Weight & dimensions

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

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