

Samsung Galaxy S26 Ultra 17.5 cm (6.9") Dual SIM Android 16.0
5G USB Type-C 12 GB 512 GB 5000 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-S948BZKGEUB

Product name : Galaxy S26 Ultra

- All-new Privacy Display built in, for screen privacy in public
- 200MP camera with wider apertures for impressive low light photos
- Supercharge your productivity and creativity with Galaxy AI
- Dive into another world with a 6.9-inch immersive display
6.9", 3120 x 1440, Snapdragon 8 Elite Gen 5, 12/512GB, 200/50/50/10MP, 12MP, 5G, Wi-Fi 7, Bluetooth 6.0, 5000 mAh, One UI 8.5
Samsung Galaxy S26 Ultra . Display diagonal: 17.5 cm (6.9"), Display resolution: 3120 x 1440 pixels. Processor frequency: 3.6 GHz, Processor family: Snapdragon, Processor model: 8 Elite Gen 5. 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 16.0. Battery capacity: 5000 mAh. Product colour: Black. Weight: 214 g



Display		Network	
Display diagonal *	17.5 cm (6.9")	2G bands (primary SIM)	850,1900,1800,900 MHz
Screen shape	Flat	Frequency band	Tri-band
Display technology marketing name	Dynamic AMOLED 2X	3G bands supported	2100,900,1900,850,1700 MHz
Display glass type	Gorilla Glass	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Gorilla Glass version	Gorilla Glass Armor 2	5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz
Display resolution *	3120 x 1440 pixels	Wi-Fi Direct	✓
Display number of colours	16 million colours	MIMO	✓
Maximum refresh rate	120 Hz	Modulation	4096-QAM
Display brightness	1500 cd/m²	Near Field Communication (NFC)	✓
Maximum display brightness (HDR)	2600 cd/m²	Ports & interfaces	
Pixel density	499 ppi	USB connector type	USB Type-C
Brand specific technologies	Always-on display	USB version	3.2 Gen 1 (3.1 Gen 1)
Processor		Headphone connectivity	USB Type-C
Processor family *	Snapdragon	Mobile High-Definition Link (MHL)	✗
Processor model *	8 Elite Gen 5	Messaging	
Processor cores	8	Short Message Service (SMS)	✓
Processor boost frequency	4.74 GHz	E-mail	✓
Processor frequency *	3.6 GHz	Navigation	
Neural processor unit (NPU)	Qualcomm Hexagon	GPS (satellite)	✓
Storage		GLONASS	✓
User memory	473.6 GB	BeiDou	✓
RAM capacity *	12 GB	Galileo	✓
Internal storage capacity *	512 GB	Quasi-Zenith Satellite System (QZSS)	✓
Compatible memory cards *	Not supported	Position location *	✓
Camera		Design	
Rear camera sensor size	1/1.3"	Form factor *	Bar
Second rear camera sensor size	1/2.52"	Product colour *	Black

Camera		Performance	
Third rear camera sensor size	1/2.52"	Fast charging	✓
Rear camera resolution (numeric) *	200 MP	Wireless charging	✓
Second rear camera resolution (numeric)	50 MP	Fingerprint reader	✓
Third rear camera resolution (numeric)	50 MP	Hearing aid compatibility	✓
Fourth rear camera resolution (numeric)	10 MP	Multimedia	
Rear camera aperture number	1.4	Speakers	stereo
Second rear camera aperture number	2.9	Audio system	Dolby Atmos
Third rear camera aperture number	1.9	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Fourth rear camera aperture number	2.4	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera pixel size	0.6 µm	Software	
Second rear camera pixel size	0.7 µm	Platform *	Android
Third rear camera pixel size	0.7 µm	Operating system installed *	Android 16.0
Fourth rear camera pixel size	0.7 µm	User interface (UI)	One UI 8.5
Rear camera field of view (FOV) angle	84°	Google applications	YouTube, Google Drive, Google Maps, Google Chrome, Google Meet, Gmail, Google Search, Google Photos, Google Play
Second rear camera field of view (FOV) angle	21°	Virtual assistant	Samsung Bixby
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	85°	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	7680x4320@30fps, 3840x2160@60fps, 3840x2160@30fps, 1920x1080@30fps, 1920x1080@60fps, 1280x720@30fps	USB Type-C charging port *	✓
Video recording modes	1080p, 4320p, 2160p, 720p	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) *	60 W
Image stabilizer	✓	Endurance	
Image stabilizer type	Optical Image Stabilization (OIS)	Energy efficiency class *	A
Panorama	✓	Energy efficiency scale	A to G
Portrait mode	✓	Battery endurance per cycle *	3300 min
Slow motion mode	✓	Battery endurance in cycles *	1200
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Repeated free fall reliability class *	A
AI scene recognition	✓	Repairability class *	C
		International Protection (IP) code *	IP68
Network		Weight & dimensions	
SIM card capability *	Dual SIM	Width	78.1 mm
Mobile network generation *	5G	Depth	7.9 mm
SIM card type *	NanoSIM + eSIM	Height	163.6 mm
2G standards	GSM	Weight *	214 g
3G standards *	WCDMA	Packaging content	
4G standard *	LTE-TDD & LTE-FDD	AC adapter included *	✗
5G standard *	Sub6 SDL, Sub6 TDD	Cables included	USB Type-C
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)		

Network		Packaging content	
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	✓
		SIM card ejector pin	✓
Other features			
Bluetooth [*]	✓	Compatibility	Galaxy Ring, Galaxy Buds Core, Galaxy Buds4 Pro, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds4, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds3 FE, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch8, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
Bluetooth version	6.0		
Technical details			
		Security update term	28 February 2033



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