

Samsung Galaxy S26 Ultra SM-S948B/DS 17.5 cm (6.9") Dual SIM
Android 16.0 5G USB Type-C 12 GB 512 GB 5000 mAh Silver

Brand : Samsung Product family: Galaxy Product code: SM-S948BZSGEUE

Product name : SM-S948B/DS

Samsung Galaxy S26 Ultra SM-S948B/DS. 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: Silver. Weight: 214 g



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

Camera		Design	
Rear camera sensor size	1/1.3"	Product colour *	Silver
Second rear camera sensor size	1/2.52"	Colour name	Silver Shadow
Third rear camera sensor size	1/2.52"	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	Hearing aid compatibility	✓
Rear camera aperture number	1.4	Multimedia	
Second rear camera aperture number	2.9	Speakers	stereo
Third rear camera aperture number	1.9	Audio system	Dolby Atmos
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	0.7 µm	Operating system installed *	Android 16.0
Rear camera field of view (FOV) angle	84°	User interface (UI)	One UI 8.5
Second rear camera field of view (FOV) angle	21°	Google applications	YouTube, Google Drive, Google Maps, Google Chrome, Google Meet, Gmail, Google Search, Google Photos, Google Play
Third rear camera field of view (FOV) angle	120°	Virtual assistant	Samsung Bixby
Optical zoom	5x	Battery	
Digital zoom	100x	Removable battery	✗
Front camera type *	Single camera	Battery capacity *	5000 mAh
Front camera sensor size	1/3.2"	Continuous video playback time	31 h
Front camera resolution (numeric) *	12 MP	Sensors	
Front camera aperture number	2.2	Proximity sensor	✓
Front camera pixel size	1.12 µm	Accelerometer	✓
Front camera field of view (FOV) angle	85°	Ambient light sensor	✓
Rear camera flash *	✓	Gyroscope	✓
Flash type	LED	Barometer	✓
Video capture resolution (max)	7680 x 4320 pixels	Geomagnetic sensor	✓
Maximum frame rate	30 fps	Hall sensor	✓
Resolution at capture speed	7680x4320@30fps, 3840x2160@60fps, 3840x2160@30fps, 1920x1080@30fps, 1920x1080@60fps, 1280x720@30fps	Power	
Video recording modes	1080p, 4320p, 2160p, 720p	USB Type-C charging port *	✓
Rear camera type *	Quad camera	USB Power Delivery (USB PD)	✓
Auto focus	✓	USB Type-C required charging power (min) *	10 W
Image stabilizer	✓	USB Type-C required charging power (max) *	60 W
Image stabilizer type	Optical Image Stabilization (OIS)	Endurance	
Panorama	✓	Energy efficiency class *	A
Portrait mode	✓	Energy efficiency scale	A to G
Slow motion mode	✓	Battery endurance per cycle *	3300 min
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Battery endurance in cycles *	1200
AI scene recognition	✓	Repeated free fall reliability class *	A
Network		Repairability class *	C
SIM card capability *	Dual SIM	International Protection (IP) code *	IP68
Mobile network generation *	5G	Weight & dimensions	
SIM card type *	NanoSIM + eSIM	Width	78.1 mm
2G standards	GSM	Depth	7.9 mm
3G standards *	WCDMA	Height	163.6 mm
4G standard *	LTE-TDD & LTE-FDD	Weight *	214 g

Network		Packaging content	
5G standard *	Sub6 SDL, Sub6 TDD	AC adapter included *	✗
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Cables included	USB Type-C
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		
2G bands (primary SIM)	850,1900,1800,900 MHz		
		Warranty period	2 year(s)
Technical details			
		Security update term	28 February 2033



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