SAMSUNG

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



Brand : Samsung

Product family: Galaxy

Product code: SM-S948BZVGEUB

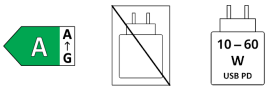
Product name : Galaxy S26 Ultra

- 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: Violet. Weight: 214 g





Display	
Display diagonal *	17.5 cm (6.9")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Armor 2
Display resolution *	3120 x 1440 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Display brightness	1500 cd/m²
Maximum display brightness (HDR)	2600 cd/m²
Pixel density	499 ppi
Brand specific technologies	Always-on display

Processor	
Processor family *	Snapdragon
Processor model *	8 Elite Gen 5
Processor cores	8
Processor frequency *	3.6 GHz
Processor boost frequency	4.74 GHz
Neural processor unit (NPU)	Qualcomm Hexagon

Storage	
User memory	473.6 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"

Network	
2G bands (primary SIM)	850,1900,1800,900 MHz
Frequency band	Tri-band
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
Wi-Fi Direct	✔
MIMO	✔
Modulation	4096-QAM
Near Field Communication (NFC)	✔

Ports & interfaces	
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)	✘

Messaging	
Short Message Service (SMS)	✔
E-mail	✔

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

Design	
Form factor *	Bar
Product colour *	Violet
Colour name	Cobalt Violet

Camera	
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	1.4
Second rear camera aperture number	2.9
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	0.7 µm
Rear camera field of view (FOV) angle	84°
Second rear camera field of view (FOV) angle	21°
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	85°
Rear camera flash *	✔
Flash type	LED
Video capture resolution (max)	7680 x 4320 pixels
Maximum frame rate	30 fps
Resolution at capture speed	7680x4320@30fps, 3840x2160@60fps, 3840x2160@30fps, 1920x1080@30fps, 1920x1080@60fps, 1280x720@30fps
Video recording modes	1080p, 4320p, 2160p, 720p
Rear camera type *	Quad camera
Auto focus	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Panorama	✔
Portrait mode	✔
Slow motion mode	✔
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD
AI scene recognition	✔

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
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)

Performance	
Fast charging	✔
Wireless charging	✔
Fingerprint reader	✔
Hearing aid compatibility	✔

Multimedia	
Speakers	stereo
Audio system	Dolby Atmos
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 16.0
User interface (UI)	One UI 8.5
Google applications	YouTube, Google Drive, Google Maps, Google Chrome, Google Meet, Gmail, Google Search, Google Photos, Google Play
Virtual assistant	Samsung Bixby

Battery	
Removable battery	✘
Battery endurance in cycles *	1200
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) *	60 W

Endurance	
Energy efficiency class *	A
Energy efficiency scale	A to G
Battery endurance per cycle *	3300 min
Repeated free fall reliability class *	A
Repairability class *	C
International Protection (IP) code *	IP68

Weight & dimensions	
Width	78.1 mm
Depth	7.9 mm
Height	163.6 mm
Weight *	214 g

Packaging content	
AC adapter included *	✘

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Network	
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	6.0

Packaging content	
Cables included	USB Type-C
Stylus included	✔
SIM card ejector pin	✔

Other features	
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

Technical details	
Security update term	28 February 2033

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