SAMSUNG

Samsung Galaxy S23 Ultra SM-S918B 17.3 cm (6.8") Dual SIM Android 13 5G USB Type-C 12 GB 512 GB 5000 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-S918BZKHEUB

Product name : SM-S918B

- Epic night shots that beg to be shared
- Ultra-fast photography and gameplay
- Designed for you, and the planet
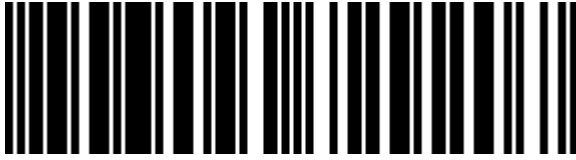- Built-in S Pen with more app compatibility

Galaxy S23 Ultra
Samsung Galaxy S23 Ultra SM-S918B. Display diagonal: 17.3 cm (6.8"), Display resolution: 3088 x 1440 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 2. 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 13. Battery capacity: 5000 mAh. Product colour: Black. Weight: 233 g

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Display

Display diagonal *	17.3 cm (6.8")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	OLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus 2
Display resolution *	3088 x 1440 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Maximum display brightness (HDR)	1200 cd/m²
Maximum display brightness (Outdoor)	1750 cd/m²
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10+ (HDR10 Plus)
Pixel density	500 ppi

Processor

Processor family *	Qualcomm Snapdragon
Processor model *	8 Gen 2
Processor cores	8

Storage

RAM capacity *	12 GB
Internal storage capacity *	512 GB
Compatible memory cards *	Not supported

Camera

Rear camera resolution (numeric) *	200 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	10 MP
Fourth rear camera resolution (numeric)	10 MP
Rear camera aperture number	1.7
Second rear camera aperture number	2.2
Third rear camera aperture number	4.9
Fourth rear camera aperture number	2.4
Rear camera pixel size	0.6 μm

Network

Mobile network generation *	5G
SIM card type *	NanoSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 TDD
Wi-Fi *	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)
Bluetooth *	✓
Bluetooth version	5.3
Wi-Fi Direct	✓
MIMO	✓
Modulation	1024-QAM
Near Field Communication (NFC)	✓

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C

Messaging

Short Message Service (SMS)	✓
Multimedia Messaging Service (MMS)	✓
E-mail	✓

Design

Form factor *	Bar
Product colour *	Black
Colour name	Phantom Black
International Protection (IP) code	IP68
Protection features	Water resistant
Housing material	Aluminium

Performance

Fast charging	✓
Wireless charging	✓
Fingerprint reader	✓
Face recognition	✓

Navigation

GPS (satellite)	✓
GLONASS	✓

Camera

Second rear camera pixel size	1.4 µm
Third rear camera pixel size	1.12 µm
Rear camera field of view (FOV) angle	85°
Second rear camera field of view (FOV) angle	120°
Third rear camera field of view (FOV) angle	11°
Optical zoom	10x
Digital zoom	100x
Front camera type *	Single camera
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)	7680 x 4320 pixels
Fourth rear camera pixel size	1.12 µm
Fourth rear camera field of view (FOV) angle	36°
Rear camera type *	Quad camera
Auto focus	✓
Time lapse mode	✓
Image stabilizer	✓
Image stabilizer type	Optical Image Stabilization (OIS)
Self-timer	✓
Night mode	✓
Panorama	✓
Portrait mode	✓

Network

SIM card capability *	Dual SIM

Navigation

BeiDou	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓

Multimedia

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 13

Battery

Battery capacity *	5000 mAh
Talk time (4G)	49 h
Browsing time (Wi-Fi)	25 h
Browsing time (4G)	25 h
Continuous audio playback time	99 h
Continuous video playback time	26 h

Sensors

Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓
Barometer	✓
Geomagnetic sensor	✓
Hall sensor	✓

Weight & dimensions

Width	78.1 mm
Depth	8.9 mm
Height	163.4 mm
Weight *	233 g
Stylus dimensions (W x D x H)	5.8 x 4.35 x 105.08 mm

Packaging content

Quick start guide	✓
Cables included	USB
Stylus included	✓
SIM card ejector pin	✓

Technical details

Repairability index	8.2

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