Samsung Galaxy S23+ SM-S916B 16.8 cm (6.6") Dual SIM Android 13 5G USB Type-C 8 GB 256 GB 4700 mAh Black

Brand : Samsung　　　　**Product family:** Galaxy　　　　**Product code:** SM-S916BZKDEUB

Product name : SM-S916B

- Snap your best night selfies yet
- Epically fast photography and gameplay
- Designed for you, and the planet
- Watch outside without the glare

Galaxy S23+

Samsung Galaxy S23+ SM-S916B. Display diagonal: 16.8 cm (6.6"), Display resolution: 2340 x 1080 pixels. Processor family: Qualcomm Snapdragon, Processor model: 8 Gen 2. RAM capacity: 8 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 13. Battery capacity: 4700 mAh. Product colour: Black. Weight: 195 g

Display

Display diagonal *	16.8 cm (6.6")
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 *	2340 x 1080 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	393 ppi

Processor

Processor family *	Qualcomm Snapdragon
Processor model *	8 Gen 2
Processor cores	8
Processor boost frequency	3.36 GHz

Storage

RAM capacity *	8 GB
Internal storage capacity *	256 GB
Compatible memory cards *	Not supported

Camera

Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	10 MP
Third rear camera resolution (numeric)	12 MP
Rear camera aperture number	1.8

Network

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
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	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	Dust resistant, Water resistant
Housing material	Aluminium

Performance

Video call	✓
Fast charging	✓

Camera

Second rear camera aperture number	2.4
Third rear camera aperture number	2.2
Rear camera pixel size	1 µm
Second rear camera pixel size	1.4 µm
Third rear camera pixel size	1 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	36°
Optical zoom	3x
Digital zoom	30x
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
Maximum frame rate	960 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps, 7680x4320@30fps
Video recording modes	720p, 1080p, 2160p, 4320p
Rear camera type *	Triple 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
Mobile network generation *	5G
SIM card type *	NanoSIM
3G standards *	UMTS, WCDMA

Performance

Wireless charging	✔
Fingerprint reader	✔
Face recognition	✔
Speakerphone	✔
Voice commands	✔
Vibrating alert	✔

Navigation

GPS (satellite)	✔
GLONASS	✔
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, 3GPP, AVI, FLV, M4V, MKV, MP4, WEBM

Software

Platform *	Android
Operating system installed *	Android 13

Battery

Removable battery	✖
Battery capacity *	4700 mAh
Talk time (4G)	44 h
Browsing time (Wi-Fi)	23 h
Browsing time (4G)	22 h
Wireless audio playback time	84 h
Wireless video playback time	27 h

Sensors

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

Weight & dimensions

Width	76.2 mm
Depth	7.6 mm
Height	157.8 mm
Weight *	195 g

Packaging content

Quick start guide	✔
Cables included	USB
SIM card ejector pin	✔

Other features

Repairability index	8.2

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