SAMSUNG

Samsung Galaxy S22 SM-S901B 15.5 cm (6.1") Dual SIM Android 12 5G USB Type-C 8 GB 128 GB 3700 mAh White
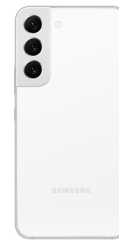
Brand : Samsung

Product family: Galaxy

Product code: SM-S901BZWDEUE

Product name : SM-S901B

Samsung Galaxy S22 SM-S901B. Display diagonal: 15.5 cm (6.1"), Display resolution: 2340 x 1080 pixels, Display type: Dynamic AMOLED 2X. Processor frequency: 2.8 GHz, Processor family: Samsung Exynos, Processor: 2200. RAM capacity: 8 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 12. Battery performance: 3700 mAh. Product colour: White. Weight: 167 g

Display

Display diagonal *	15.5 cm (6.1")
Screen shape	Flat
Display type	Dynamic AMOLED 2X
Display resolution *	2340 x 1080 pixels
Touch screen *	✓
Display brightness	1300 cd/m²
Maximum refresh rate	120 Hz
Touch screen type	Capacitive
Pixel density	425 ppi
Rounded display corners	✓

Processor

Processor frequency *	2.8 GHz
Processor family *	Samsung Exynos
Processor *	2200
Processor number of cores	8

Storage

RAM capacity *	8 GB
Internal storage capacity *	128 GB
Compatible memory cards *	Not supported

Camera

Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	10 MP
Rear camera resolution	6120 x 8160 pixels
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
Optical zoom	3x
Digital zoom	30x
Front camera type *	Single camera
Front camera resolution (numeric) *	10 MP
Front camera aperture number	2.2
Rear camera flash *	✓
Flash type	LED
Video capture resolution (max)	4320 x 7680 pixels
Maximum frame rate	60 fps
Resolution at capture speed	1280x720@30fps,1920x1080@30fps,1920x1080@60fps,3840x2160@30fps,3840x2160@60fps,7680x4320@24fps
Video recording modes	720p,1080p,2160p,4320p
Rear camera type *	Triple camera
Auto focus	✓
Face detection	✓
Time lapse mode	✓
Self-timer	✓

Network

Near Field Communication (NFC)	✓

Subscription

Subscription type *	No subscription

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 *	White
Color name	Phantom White
International Protection (IP) code	IP68
Protection features	Dust resistant, Waterproof

Performance

Wireless charging	✓
Fingerprint reader	✓
Speakerphone	✓
Voice commands	✓
Vibrating alert	✓

Navigation

GPS	✓
GLONASS	✓
BeiDou	✓
Galileo	✓

Camera

Night mode	✓
Panorama	✓

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	HSDPA,HSPA+,HSUPA,UMTS
4G standard *	LTE
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	5.2
3G data rate (max)	42 Mbit/s
4G data rate (max)	436 Mbit/s
5G data rate (max)	2.33 Gbit/s
Wi-Fi Direct	✓
MIMO	✓
Modulation	1024-QAM

Navigation

Quasi-Zenith Satellite System (QZSS)	✓
Electronic compass	✓
Position location *	✓

Multimedia

Speakers	stereo
Audio system	Dolby Atmos
Audio formats supported	3GA, AAC, AMR, APE, 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 12
Firmware version	One UI 4.1
Social network services supported	Facebook
App distribution platform	Google Play
Office support	✓
Google applications	Gmail,Google Calendar,Google Chrome,Google Contacts,Google Drive,Google Maps,Google Photos,Google Play,Google Play Movies,YouTube
Virtual assistant	Samsung Bixby

Battery

Battery performance *	3700 mAh

Sensors

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

Weight & Dimensions

Width	70.6 mm
Depth	7.6 mm
Height	146 mm
Weight *	167 g

Packaging Content

Quick start guide	✓
Cables included	USB Type-C
SIM card ejector pin	✓

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