

Samsung Galaxy S22 SM-S901B 15.5 cm (6.1") Dual SIM Android 12 5G USB Type-C 8 GB 128 GB 4500 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-S901BZKDEUE

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: 4500 mAh. Product colour: Black. Weight: 167 g



Display		Network	
Display diagonal *	15.5 cm (6.1")	Near Field Communication (NFC)	✓
Screen shape	Flat	Subscription	
Display type	Dynamic AMOLED 2X	Subscription type *	No subscription
Display resolution *	2340 x 1080 pixels	Ports & interfaces	
Touch screen *	✓	USB port *	✓
Display brightness	1300 cd/m ²	USB connector type	USB Type-C
Maximum refresh rate	120 Hz	USB version	3.2 Gen 1 (3.1 Gen 1)
Touch screen type	Capacitive	Headphone connectivity	USB Type-C
Pixel density	425 ppi	Messaging	
Rounded display corners	✓	Short Message Service (SMS)	✓
Processor		Multimedia Messaging Service (MMS)	✓
Processor frequency *	2.8 GHz	E-mail	✓
Processor family *	Samsung Exynos	Design	
Processor *	2200	Form factor *	Bar
Processor number of cores	8	Product colour *	Black
Storage		Color name	Phantom Black
RAM capacity *	8 GB	International Protection (IP) code	IP68
Internal storage capacity *	128 GB	Protection features	Dust resistant, Waterproof
Compatible memory cards *	Not supported	Performance	
Camera		Wireless charging	✓
Rear camera resolution (numeric) *	50 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	12 MP	Speakerphone	✓
Third rear camera resolution (numeric)	10 MP	Voice commands	✓
Rear camera resolution	6120 x 8160 pixels	Vibrating alert	✓
Rear camera aperture number	1.8	Navigation	
Second rear camera aperture number	2.2	GPS	✓
Third rear camera aperture number	2.4	GLONASS	✓
Optical zoom	3x	BeiDou	✓
Digital zoom	30x	Galileo	✓
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	✓		

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 *	4500 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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