

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

Brand : Samsung

Product family: Galaxy

Product code: SM-S901BZKDEUB

Product name : SM-S901B

- The biggest leap in our video technology
- The first 4nm processor on Samsung Galaxy
- The battery that lasts beyond 24 hours, even on 5G Galaxy S22 5G

Samsung Galaxy S22 SM-S901B. Display diagonal: 15.5 cm (6.1"), Display resolution: 2340 x 1080 pixels. Processor frequency: 2.8 GHz, Processor family: Samsung Exynos, Processor model: 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 capacity: 3700 mAh. Product colour: Black. Weight: 167 g



Display		Ports & interfaces	
Display diagonal *	15.5 cm (6.1")	ANT+ enabled	✗
Screen shape	Flat	Messaging	
Display technology marketing name	Dynamic AMOLED 2X	Short Message Service (SMS)	✓
Panel type	OLED	Multimedia Messaging Service (MMS)	✓
Display glass type	Gorilla Glass	E-mail	✓
Gorilla Glass version	Gorilla Glass 7	Design	
Display resolution *	2340 x 1080 pixels	Form factor *	Bar
Display number of colours	16 million colours	Product colour *	Black
Native aspect ratio	19.5:9	International Protection (IP) code	IP68
Contrast ratio (typical)	1000000:1	Protection features	Dust resistant, Water resistant
Maximum refresh rate	120 Hz	Housing material	Aluminium, Glass
Display brightness	500 cd/m ²	Performance	
High Dynamic Range (HDR) supported	✓	Video call	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus)	Fast charging	✓
Touchscreen type	Capacitive	Wireless charging	✓
Pixel density	425 ppi	Graphics card	AMD Voyager
Rounded display corners	✓	Fingerprint reader	✓
Processor		Iris recognition	✗
Processor family *	Samsung Exynos	Face recognition	✓
Processor model *	2200	Speakerphone	✓
Processor cores	8	Country of origin	Vietnam
Processor frequency *	2.8 GHz	Vibrating alert	✓
Storage		Navigation	
User memory	100 GB	GPS (satellite)	✓
RAM capacity *	8 GB	Position location *	✓
Internal storage capacity *	128 GB		

Camera		Multimedia	
Rear camera resolution (numeric) *	50 MP	Audio system	Dolby Atmos
Second rear camera resolution (numeric)	10 MP	Software	
Third rear camera resolution (numeric)	12 MP	Platform *	Android
Rear camera aperture number	1.8	Operating system installed *	Android 12
Second rear camera aperture number	2.4	Operating system fork	One UI 4.1
Third rear camera aperture number	2.2	App distribution platform	Google Play
Optical zoom	3x	Virtual assistant	Samsung Bixby
Digital zoom	30x	Battery	
Front camera type *	Single camera	Battery technology	Lithium-Ion (Li-Ion)
Front camera resolution (numeric) *	10 MP	Battery voltage	3.88 V
Front camera aperture number	2.2	Battery recharge time	1.17 h
Rear camera flash *	✓	Battery weight	48.8 g
Flash type	LED	Wireless Power Share	✓
Video capture resolution (max)	7680 x 4320 pixels	Removable battery	✗
Resolution at capture speed	3840x2160@60fps, 7680x4320@24fps	Battery capacity *	3700 mAh
Video recording modes	2160p, 4320p	Sensors	
Rear camera type *	Triple camera	Proximity sensor	✓
Auto focus	✓	Accelerometer	✓
Face detection	✓	Ambient light sensor	✓
Video stabilizer	✓	Gyroscope	✓
Image stabilizer	✓	Geomagnetic sensor	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Heart rate sensor	✗
Night mode	✓	Hall sensor	✓
Panorama	✓	Weight & dimensions	
Network		Width	70.6 mm
SIM card capability *	Dual SIM	Depth	7.6 mm
Mobile network generation *	5G	Height	146 mm
SIM card type *	NanoSIM	Weight *	167 g
4G standard *	LTE-TDD & LTE-FDD	Package width	87.3 mm
Voice over LTE (VoLTE) supported	✓	Package depth	27.5 mm
Wi-Fi	✓	Package height	163.6 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Package weight	285 g
Bluetooth *	✓	Certificates	
Bluetooth version	5.2	Head SAR (EU)	1.21 W/kg
Bluetooth profiles	A2DP	Body SAR (EU)	1.59 W/kg
3G bands supported	850,900,1700,1900,2100 MHz	Extremities SAR (EU)	2.71 W/kg
4G bands supported	850,900,1800,1900,2100,2300,2500,2600 MHz	Packaging content	
5G bands supported	700,800,850,900,1800,2100,2300,2600,3500,3700 MHz	Quick start guide	✓
Tethering (modem-mode)	✓	Warranty card	✓
MIMO	✓	Cables included	USB Type-C
Near Field Communication (NFC)	✓	SIM card ejector pin	✓
Subscription		Logistics data	
Subscription type *	No subscription	Harmonized System (HS) code	85171300
Ports & interfaces		Master (outer) case gross weight	6 kg
USB port *	✓	Master (outer) case length	181 mm
USB connector type	USB Type-C	Master (outer) case width	185 mm
USB version	3.2 Gen 1 (3.1 Gen 1)	Master (outer) case height	292 mm
Headphone connectivity	USB Type-C	Pallet net height	125.4 cm
		Pallet net length	120 cm
		Pallet net width	80 cm
		Pallet net weight	516 kg
		Products per master (outer) case	20 pc(s)
		Other features	
		Touchscreen	✓
		Repairability index	8.2

Technical details

Commodity Classification Automated Tracking System (CCATS)	8517120000
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