

Samsung Galaxy S22 SM-S901B 15.5 cm (6.1") Dual SIM 5G USB Type-C 8 GB 256 GB 3700 mAh Violet

Brand : Samsung Product family: Galaxy Product code: SM-S901BLVGEUB

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: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Battery capacity: 3700 mAh. Product colour: Violet. Weight: 167 g

Display		Network	
Display diagonal *	15.5 cm (6.1")	Near Field Communication (NFC)	✓
Screen shape	Flat	Ports & interfaces	
Display technology marketing name	Dynamic AMOLED 2X	USB port *	✓
Panel type	OLED	USB connector type	USB Type-C
Display glass type	Gorilla Glass	USB version	3.2 Gen 1 (3.1 Gen 1)
Gorilla Glass version	Gorilla Glass 7	Headphone connectivity	USB Type-C
Display resolution *	2340 x 1080 pixels	Messaging	
Display number of colours	16 million colours	Short Message Service (SMS)	✓
Native aspect ratio	19.5:9	Multimedia Messaging Service (MMS)	✓
Contrast ratio (typical)	1000000:1	E-mail	✓
Maximum refresh rate	120 Hz	Design	
Display brightness	500 cd/m²	Form factor *	Bar
High Dynamic Range (HDR) supported	✓	Product colour *	Violet
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus)	International Protection (IP) code	IP68
Touchscreen type	Capacitive	Protection features	Dust resistant, Water resistant
Pixel density	425 ppi	Housing material	Aluminium, Glass
Rounded display corners	✓	Performance	
Processor		Video call	✓
Processor family *	Samsung Exynos	Fast charging	✓
Processor model *	2200	Wireless charging	✓
Processor cores	8	Graphics card	AMD Voyager
Processor frequency *	2.8 GHz	Fingerprint reader	✓
Storage		Face recognition	✓
RAM capacity *	8 GB	Speakerphone	✓
Internal storage capacity *	256 GB	Country of origin	Vietnam
Camera		Vibrating alert	✓
Rear camera resolution (numeric) *	50 MP	Navigation	
Second rear camera resolution (numeric)	10 MP	GPS (satellite)	✓
Third rear camera resolution (numeric)	12 MP	GLONASS	✓
Rear camera aperture number	1.8	BeiDou	✓
Second rear camera aperture number	2.4	Galileo	✓
		Quasi-Zenith Satellite System (QZSS)	✓
		Position location *	✓

Camera		Multimedia	
Third rear camera aperture number	2.2	Audio system	Dolby Atmos
Optical zoom	3x	Software	
Digital zoom	30x	Platform *	Android
Front camera type *	Single camera	App distribution platform	Google Play
Front camera resolution (numeric) *	10 MP	Battery	
Front camera aperture number	2.2	Battery technology	Lithium-Ion (Li-Ion)
Rear camera flash *	✓	Removable battery	✗
Flash type	LED	Battery capacity *	3700 mAh
Video capture resolution (max)	7680 x 4320 pixels	Talk time (4G)	33 h
Resolution at capture speed	3840x2160@60fps, 7680x4320@24fps	Browsing time (Wi-Fi)	17 h
Video recording modes	2160p, 4320p	Browsing time (4G)	15 h
Rear camera type *	Triple camera	Wireless audio playback time	57 h
Auto focus	✓	Wireless video playback time	19 h
Face detection	✓	Sensors	
Video stabilizer	✓	Proximity sensor	✓
Image stabilizer	✓	Accelerometer	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Ambient light sensor	✓
Night mode	✓	Gyroscope	✓
Panorama	✓	Geomagnetic sensor	✓
Network		Hall sensor	✓
SIM card capability *	Dual SIM	Weight & dimensions	
Mobile network generation *	5G	Width	70.6 mm
SIM card type *	NanoSIM	Depth	7.6 mm
3G standards *	UMTS	Height	146 mm
4G standard *	LTE-TDD & LTE-FDD	Weight *	167 g
5G standard *	Sub6 FDD, Sub6 TDD	Package width	87.3 mm
Voice over LTE (VoLTE) supported	✓	Package depth	163.6 mm
Wi-Fi *	✓	Package height	27.5 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	292 g
Bluetooth *	✓	Certificates	
Bluetooth version	5.2	Head SAR (EU)	1.21 W/kg
3G bands supported	850,900,1700,1900,2100 MHz	Body SAR (EU)	1.59 W/kg
4G bands supported	850,900,1800,1900,2100,2300,2500,2600 MHz	Extremities SAR (EU)	2.71 W/kg
5G bands supported	700,800,850,900,1800,2100,2300,2600,3500,3700 MHz	Packaging content	
Tethering (modem-mode)	✓	Quick start guide	✓
MIMO	✓	Warranty card	✓
		Cables included	USB Type-C
		SIM card ejector pin	✓
		Technical details	
		Repairability index	8.2
		Commodity Classification Automated Tracking System (CCATS)	8517120000



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