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 Green

Brand : Samsung

Product family: Galaxy

Product code: SM-S901BZGDEUB

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: Green. Weight: 167 g

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Display

Display diagonal *	15.5 cm (6.1")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	OLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass 7
Display resolution *	2340 x 1080 pixels
Display number of colours	16 million colours
Native aspect ratio	19.5:9
Contrast ratio (typical)	1000000:1
Maximum refresh rate	120 Hz
Display brightness	500 cd/m²
High Dynamic Range (HDR) supported	✓
High Dynamic Range (HDR) technology	High Dynamic Range 10 (HDR10), High Dynamic Range 10+ (HDR10 Plus)
Touchscreen type	Capacitive
Pixel density	425 ppi
Rounded display corners	✓

Processor

Processor family *	Samsung Exynos
Processor model *	2200
Processor cores	8
Processor frequency *	2.8 GHz

Storage

User memory	100 GB
RAM capacity *	8 GB
Internal storage capacity *	128 GB

Ports & interfaces

ANT+ enabled	✗

Messaging

Short Message Service (SMS)	✓
Multimedia Messaging Service (MMS)	✓
E-mail	✓

Design

Form factor *	Bar
Product colour *	Green
International Protection (IP) code	IP68
Protection features	Dust resistant, Water resistant
Housing material	Aluminium, Glass

Performance

Video call	✓
Fast charging	✓
Wireless charging	✓
Graphics card	AMD Voyager
Fingerprint reader	✓
Iris recognition	✗
Face recognition	✓
Speakerphone	✓
Country of origin	Vietnam
Vibrating alert	✓

Navigation

GPS (satellite)	✓
Position location *	✓

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
Second rear camera aperture number	2.4
Third rear camera aperture number	2.2
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)	7680 x 4320 pixels
Resolution at capture speed	3840x2160@60fps, 7680x4320@24fps
Video recording modes	2160p, 4320p
Rear camera type *	Triple camera
Auto focus	✓
Face detection	✓
Video stabilizer	✓
Image stabilizer	✓
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✓
Panorama	✓

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM
4G standard *	LTE-TDD & LTE-FDD
Voice over LTE (VoLTE) supported	✓
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
Bluetooth profiles	A2DP
3G bands supported	850,900,1700,1900,2100 MHz
4G bands supported	850,900,1800,1900,2100,2300,2500,2600 MHz
5G bands supported	700,800,850,900,1800,2100,2300,2600,3500,3700 MHz
Tethering (modem-mode)	✓
MIMO	✓
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

Multimedia

Audio system	Dolby Atmos

Software

Platform *	Android
Operating system installed *	Android 12
Operating system fork	One UI 4.1
App distribution platform	Google Play
Virtual assistant	Samsung Bixby

Battery

Battery technology	Lithium-Ion (Li-Ion)
Battery voltage	3.88 V
Battery recharge time	1.17 h
Battery weight	48.8 g
Wireless Power Share	✓
Removable battery	✗
Battery capacity *	3700 mAh

Sensors

Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓
Geomagnetic sensor	✓
Heart rate sensor	✗
Hall sensor	✓

Weight & dimensions

Width	70.6 mm
Depth	7.6 mm
Height	146 mm
Weight *	167 g
Package width	87.3 mm
Package depth	27.5 mm
Package height	163.6 mm
Package weight	285 g

Certificates

Head SAR (EU)	1.21 W/kg
Body SAR (EU)	1.59 W/kg
Extremities SAR (EU)	2.71 W/kg

Packaging content

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

Logistics data

Harmonized System (HS) code	85171300
Master (outer) case gross weight	6 kg
Master (outer) case length	181 mm
Master (outer) case width	185 mm
Master (outer) case height	292 mm
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	✓

Technical details

Repairability index	8.2

Technical details

Commodity Classification Automated Tracking System (CCATS)	8517120000

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