**SAMSUNG**

# Samsung Galaxy S22 Enterprise Edition 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-S901BZKDEEB

**Product name :** SM-S901B

6,1", Dynamic AMOLED 2X, Gorilla Glass 7, 2340 x 1080 (FHD+), Exynos2200 Octa-Core, Android 12.0, 50/10/12MP, Bluetooth v5.2, USB 3.2
Samsung Galaxy S22 Enterprise Edition 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

8,2/ng

## 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

| | |
|---|---|
| RAM capacity * | 8 GB |
| Internal storage capacity * | 128 GB |

## Messaging

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

## Design

| | |
|---|---|
| Form factor * | Bar |
| Product colour * | Black |
| 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 * | ✓ |

## Multimedia

| | |
|---|---|
| Audio system | Dolby Atmos |

## 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 |
| ANT+ enabled | ✗ |

## 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 |
| Wireless audio playback time | 57 h |
| Wireless video playback time | 19 h |

## 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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