

Samsung Galaxy S22 - 5G smartphone - dual-SIM - RAM 8 GB / Internal Memory 128 GB - OLED display - 6.1" - 2340 x 1080 pixels (120 Hz) - 3x rear cameras 50 MP, 12 MP, 10 MP - front camera 10 MP - phantom black



Not in stock

SKU	SM-S901BZKDEUB
Product Description:	Samsung Galaxy S22 - phantom black - 5G smartphone - 128 GB - GSM
Product Type:	5G smartphone
Manufacturer Model Number:	SM-S901B/DS
Display:	OLED display - 2340 x 1080 pixels - 6.1" - 425 ppi - (120 Hz) - Infinity-O Dynamic AMOLED 2X - HDR - Corning Gorilla Glass Victus+ (scratch resistant glass)
Processor:	Samsung Exynos 2200 2.8 GHz (8-core)
Memory:	RAM 8 GB / 128 GB
Operating System:	Android 12 with Samsung One UI 4.1

General

Product Type:	Smartphone
Manufacturer Model Number:	SM-S901B/DS
Form Factor:	Touch
Protection:	Dustproof, splashproof, water-resistant
Width:	70.6 mm
Depth:	7.6 mm
Height:	146 mm
Weight:	167 g
Body Colour:	Phantom black
Body Material:	Corning Gorilla Glass Victus+, Armour Aluminium frame
SAR Value:	1.59 W/kg (body), 1.21 W/kg (head), 2.71 W/kg (limb)

Cellular

Technology:	WCDMA (UMTS) / GSM
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Environmental Parameters

Max Depth of Water Resistance:	1.5 m
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Sustainability Information

Repairability Index:	8.2 (out of 10)
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Manufacturer Warranty

Service & Support:	Limited warranty - 2 years
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Miscellaneous

Compliant Standards:	VDE, IP68, HAC (Hearing Aid Compatible)
Included Accessories:	SIM card removal tool, USB-C to USB-C cable

Battery

Capacity:	3700 mAh
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Cellular

Mobile Broadband Generation:	5G
Service Provider:	Not specified
Operating System:	Android 12
User Interface:	Samsung One UI 4.1
Intelligent Assistant:	Bixby
Navigation:	GPS, GLONASS, BeiDou, Galileo, QZSS
SIM Card Type:	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty:	Dual-SIM
Payment Technology:	Samsung Pay
Input Device:	Multi-touch

Communications

Data Transmission:	FDD-LTE, TDD-LTE, 5G NR FR1
2G Band:	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band:	Band 1, Band 2, Band 4, Band 5, Band 8
3G UMTS Frequency:	2100, 1900, 1700, 850, 900
4G LTE Band:	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 13, Band 17, Band 18, Band 19, Band 20, Band 25, Band 26, Band 28, Band 32, Band 38, Band 39, Band 40, Band 41, Band 66
4G LTE Frequency:	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700c, FDD 700b, FDD 800 lower, FDD 800 upper, FDD 800 DD, FDD 1900+, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 2600, TDD 1900, TDD 2300, TDD 2500, FDD 1700 - 2110 AWS-3
5G NR Band:	N1, n2, n3, n5, n7, n8, n20, n28, n38, n41, n75, n77, n78, n40, n25, n12
5G NR Frequency:	FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, SDL DL 1500+, TDD TD 3700, TDD TD 3500, TDD 2300, FDD 1900, n12

Battery

Fast Charging Technology:	Qualcomm Quick Charge 2.0, Adaptive Fast Charging, Samsung Super Fast Charging, Power Delivery 3.0
Wireless Charging:	Yes
Wireless Charging Standards:	WPC, Qi, Fast Wireless Charging 2.0, Wireless PowerShare
Talk Time:	1980 minutes
Run Time Details:	Active online usage (LTE): up to 15 hrs ! Active online usage (Wi-Fi): up to 17 hrs ! Playback (wireless video): up to 19 hrs ! Playback (wireless audio): up to 57 hrs ! Talk (LTE): up to 1980 min

Connections

Connector Type:	USB Type-C - 24 pin USB-C
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Display

Type:	OLED display
Technology:	Infinity-O Dynamic AMOLED 2X
Diagonal Size:	6.1"
Display Resolution:	2340 x 1080 pixels
Display Format:	Full HD+
Pixel Density:	425 ppi
Max Brightness:	1300 cd/m²
Colour Depth:	16.7 million colours
HDR:	Yes
HDR Technology:	HDR10+
Enhancement Technology:	Vision Booster technology
Refresh Rate:	120 Hz
Contrast Ratio:	2000000:1
Protection:	Corning Gorilla Glass Victus+ (scratch resistant glass)
Features:	AOD(Always On Display), Video Wallpaper, 100% DCI-P3

Communications

Wireless Interface:	NFC, IEEE 802.11a/b/g/n/ac/ax, Ultra-Wideband (UWB), Bluetooth 5.2
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Phone Features

Sensors:	Accelerometer, ambient light sensor, proximity sensor, barometer, gyro sensor, hall sensor, geomagnetic sensor
Security Devices:	Fingerprint reader (under display), face recognition

Additional Features:	MIMO technology, notification flashlight, Smart Select, Three microphones, Samsung KNOX, Smart View, Samsung DeX support, Bixby Vision, Secure Folder function, TalkBack, Dual Audio, Bixby Routines, Intelligent Performance Enhancer, Samsung Smart Switch, Bixby key, Bluetooth Scalable Codec, Samsung Knox Vault, DisplayPort over USB Type-C
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Media Player

Supported Digital Audio Standards:	WAV, AAC, PCM, AMR, MP3, FLAC, XMF, OGG, MIDI, APE (Monkey's Audio), M4A, DSF, DSD, MXMF, OGA, 3GA, AWB, IMY, RTTTL, RTX, OTA, DFF, MID, DSD64, DSD128
Supported Digital Video Standards:	MKV, FLV, AVI, 3GP, M4V, WebM, 3G2, MP4
Sound Enhancements:	Dolby Digital Plus sound, Dolby Atmos sound technology, Surround sound, Dolby Digital sound, amplify ambient sound

Processor

Type:	Samsung Exynos 2200
Clock Speed:	2.8 GHz
Processor Core Qty:	8-core

Memory

RAM:	LPDDR5 SDRAM - 8 GB
Internal Memory Capacity:	128 GB
User Memory:	101 GB

Third Camera

Sensor Resolution:	10 Megapixel
Sensor Size:	1/3.94"
Lens Type:	Telephoto lens
Lens Aperture:	F/2.4
Field of View (FoV):	36 degree(s)
Pixel Size:	1 µm

Second Camera

Sensor Resolution:	12 Megapixel
Sensor Size:	1/2.55"
Lens Type:	Ultra wide-angle lens
Lens Aperture:	F/2.2
Field of View (FoV):	120 degree(s)
Pixel Size:	1.4 µm

Main Camera

Sensor Resolution:	50 Megapixel
Sensor Size:	1/1.56"
Optical Image Stabiliser:	Optical Image Stabiliser (OIS)
Lens Type:	Wide-angle lens
Lens Aperture:	F/1.8
Field of View (FoV):	85 degree(s)
Pixel Size:	1 µm
Focus Adjustment:	Automatic
Optical Zoom:	3x
Digital Zoom:	30x
Self-Timer Delay:	Yes
Special Effects:	Super HDR, face retouch, Grid Line, selfie colour tone

Front Camera

Sensor Resolution:	10 Megapixel
Sensor Size:	1/3.24"
Lens Aperture:	F/2.2
Focus Adjustment:	Automatic
Field of View (FoV):	80 degree(s)
Pixel Size:	1.22 µm
Features:	Dual Pixel AF

Main Camera

Camera Modes:	Panorama, Slow motion mode, Pro mode, HYPERLAPSE, Super Slow-mo, Flowers, Greenery, Trees, Sky, Beaches, Watersides, Snow, Backlit, Text, Food, Face, Baby, Person, Dog, Cat, People, Sunset, Sunrise, City, Waterfall, Scenery, Stage, Vehicles, Drinks, Animal, Shoes, Indoor, Clothes, Night view, Portrait, Night, Motion Photo, Mountain, Filter mode, Single Take, Pro Video, Portrait video, Director's View, Nightography
	HDR Mode: Auto HDR mode
	Light Source: High CRI LED flash
Video Resolutions:	1920 x 1080 (1080p) at 60 fps, 1280 x 720 (720p) at 30 fps, 3840 x 2160 (4K) at 60 fps, Super slow motion video 1280 x 720 (720p) at 960 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, 7680 x 4320 (UHD 8K) at 24fps, Hyperlapse 4K video support at 30 fps, Super Steady 1080p video support at 60 fps
Features:	Blink detection, QR-code scanner, RAW image capture, VDIS (Video Digital Image Stabilisation), Tracking AF, Dual Pixel Autofocus technology, Scene Optimiser, Lens smudge, Flaw detection, Shot suggestions, blur detection, HDR10+ recording, Super steady, backlighting detection, Quick Measure, Zoom-In Mic, HEIF image capture, Space Zoom, Take 33MP still photos while playing 8K video, Super Resolution Zoom up to 30x, Digital zoom up to 12x for video, AR Doodle, HEVC (High Efficiency Video coding) support, Auto framing, Detail Enhancer, UW shape correction, Auto FPS, Adaptive Pixel (12MP 2.0µm), object eraser

