

Samsung Galaxy S24 - 5G smartphone - dual-SIM - RAM 8 GB / Internal Memory 128 GB - OLED display - 6.2" - 2340 x 1080 pixels (120 Hz) - 3x rear cameras 50 MP, 12 MP, 10 MP - front camera 12 MP - onyx black



In Stock(75)

SKU	SM-S921BZKDEUB
Product Description:	Samsung Galaxy S24 - onyx black - 5G smartphone - 128 GB - GSM
Product Type:	5G smartphone
Manufacturer Model Number:	SM-S921B/DS
Display:	OLED display - 2340 x 1080 pixels - 6.2" - 418 ppi - (120 Hz) - Infinity-O Dynamic AMOLED 2X - HDR - Corning Gorilla Glass Victus 2 (scratch resistant glass)
Processor:	Samsung Exynos 2400 for Galaxy 3.2 GHz (10-core)
Memory:	RAM 8 GB / 128 GB
Operating System:	Android 14 with Samsung One UI 6.1

General

Product Type:	Smartphone
Manufacturer Model Number:	SM-S921B/DS
Form Factor:	Touch
Protection:	Dustproof, splashproof, water-resistant
Width:	70.6 mm
Depth:	7.6 mm
Height:	147 mm
Weight:	167 g
Body Colour:	Onyx black
Body Material:	Armour Aluminium frame, Corning Gorilla Glass Victus 2

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:	8.5 (out of 10)
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Manufacturer Warranty

Service & Support:	2-year warranty
Regional Warranty Exceptions:	Spain - 3 years

Miscellaneous

Compliant Standards:	VDE, IP68, USB 3.2 Gen 1, Android Audio Streaming for Hearing Aid (ASHA)
Included Accessories:	SIM card removal tool, USB-C to USB-C cable

Battery

Capacity:	4000 mAh
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Cellular

Mobile Broadband Generation:	5G
Service Provider:	Not specified
Operating System:	Android 14
User Interface:	Samsung One UI 6.1
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, n66, n75, n77, n78, n40, n25, n12, n26
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, FDD AWS-3, SDL DL 1500+, TDD TD 3700, TDD TD 3500, TDD 2300, FDD 1900, n12, FDD 850

Battery

Wireless Charging:	Yes
Wireless Charging Standards:	WPC, Qi, Fast Wireless Charging 2.0, Wireless PowerShare
Run Time Details:	Active online usage (LTE): up to 25 hrs ! Active online usage (Wi-Fi): up to 25 hrs ! Playback (wireless video): up to 29 hrs ! Playback (wireless audio): up to 78 hrs

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:	6.2"
Display Resolution:	2340 x 1080 pixels
Display Format:	Full HD+
Pixel Density:	418 ppi
Max Brightness:	2600 cd/m²
Colour Depth:	16.7 million colours
HDR:	Yes
HDR Technology:	HDR10+
Enhancement Technology:	Vision Booster technology
Refresh Rate:	120 Hz
Protection:	Corning Gorilla Glass Victus 2 (scratch resistant glass)
Features:	AOD(Always On Display), 100% DCI-P3, 1-120Hz adaptive refresh rate

Third Camera

Sensor Resolution:	10 Megapixel
Optical Zoom:	3x

Communications

Wireless Interface: NFC, IEEE 802.11a/b/g/n/ac/ax, Wi-Fi 6E, Bluetooth 5.3

Phone Features

Sensors: Accelerometer, proximity sensor, barometer, gyro sensor, hall sensor, geomagnetic sensor, light sensor

Security Devices: Fingerprint reader (under display), face recognition

Additional Features: MIMO technology, Samsung KNOX, Samsung DeX support, Samsung Smart Switch, dual stereo speakers, Samsung Knox Vault, cooling system with vapour chamber, Live Translate, Samsung Wallet, Galaxy AI, Circle to Search, Note Assist, Photo Assist, Samsung Knox Matrix

Media Player

Supported Digital Audio Standards: WAV, AAC, AMR, MP3, FLAC, XMF, OGG, MIDI, APE (Monkey's Audio), M4A, DSF, MXMF, OGA, 3GA, AWB, IMY, RTTTL, RTX, OTA, DFF, MID

Supported Digital Video Standards: MKV, FLV, AVI, 3GP, M4V, WebM, 3G2, MP4

Sound Enhancements: Dolby Atmos sound technology

Processor

Type: Samsung Exynos 2400 for Galaxy

Clock Speed: 3.2 GHz

Processor Core Qty: 10-core

Memory

RAM: LPDDR5 SDRAM - 8 GB

Internal Memory Capacity: 128 GB

User Memory: 103.9 GB

Front Camera

Sensor Resolution: 12 Megapixel

Lens Aperture: F/2.2

Third Camera

Lens Type: Telephoto lens

Lens Aperture: F/2.4

Field of View (FoV): 36 degree(s)

Second Camera

Sensor Resolution: 12 Megapixel

Lens Type: Ultra wide-angle lens

Lens Aperture: F/2.2

Field of View (FoV): 120 degree(s)

Main Camera

Sensor Resolution: 50 Megapixel

Optical Image Stabiliser: Optical Image Stabiliser (OIS)

Lens Type: Wide-angle lens

Lens Aperture: F/1.8

Field of View (FoV): 85 degree(s)

Focus Adjustment: Automatic

Digital Zoom: 30x

Special Effects: HDR

Camera Modes: Panorama, Slow motion mode, Pro mode, HYPERLAPSE, Food, Portrait, Night, Single Take, Pro Video, Portrait video, Dual Record, Nightography

HDR Mode: Super HDR

Light Source: LED flash

Video Resolutions: 1920 x 1080 (1080p) at 60 fps, 3840 x 2160 (4K) at 60 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, Slo-mo video 3840 x 2160 (4K) at 120 fps, 7680 x 4320 (UHD 8K) at 30fps

Front Camera

Focus Adjustment:	Automatic
Field of View (FoV):	80 degree(s)
Video Resolutions:	3840 x 2160 (4K) at 60 fps
Light Source:	Display flash
Features:	Palm shutter

Main Camera

Features:	Quick Launch, Dual Pixel technology, Scene Optimiser, HDR10+ recording, Space Zoom, AR Doodle, Auto framing, Dual Tele Zoom System, AI Zoom, Generative Edit, Edit Suggestion
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