

Samsung Galaxy S25 - navy - 5G smartphone - 128 GB - GSM(SM-S931BDBDEUB)

Samsung Galaxy S25 - 5G smartphone - dual-SIM - RAM 12 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 - navy



The Samsung Galaxy S25 combines performance and style in an impressive smartphone experience. With a 6.2-inch Dynamic AMOLED 2X display, users can enjoy vibrant visuals supported by a Full HD+ resolution of 2340 x 1080 pixels. This smartphone features a powerful 4000 mAh battery that supports multiple fast charging technologies including Adaptive Fast Charging and Qualcomm Quick Charge 2.0, ensuring that the device stays powered throughout the day. Wireless charging compatibility and Wireless PowerShare options add flexibility to the way energy is shared and received. Equipped with a Snapdragon 8 Elite processor and 12 GB of LPDDR5X RAM, the Samsung Galaxy S25 offers smooth multitasking and high performance. The triple rear camera system, featuring a 50-megapixel main sensor, ultra-wide 12-megapixel, and 10-megapixel telephoto lenses, allows users to capture stunning photos and videos in various conditions. With HDR10+ support and advanced image processing features such as Scene Optimizer and AR Doodle, every shot is high quality. Whether for productivity or entertainment, this device meets the demands of modern smartphone users seamlessly.

Key Selling Points

- 6.2-inch Dynamic AMOLED 2X display for vibrant visuals
- 4000 mAh battery with multiple fast charging options
- Powerful Snapdragon 8 Elite processor for high performance
- Triple rear camera system for versatile photography
- Water and dust resistant design with IP68 rating

Product Features

- Display technology**
The 6.2-inch Dynamic AMOLED 2X display provides stunning visuals with a resolution of 2340 x 1080 pixels, ensuring a captivating viewing experience that is vibrant and sharp.
- Charging**
Equipped with a 4000 mAh battery, the S25 supports Adaptive Fast Charging and Qualcomm Quick Charge 2.0, allowing users to recharge quickly and efficiently.
- Camera capabilities**
The triple rear camera setup includes a 50-megapixel wide-angle lens, a 12-megapixel ultra-wide lens, and a 10-megapixel telephoto lens, providing users with versatility in capturing high-quality images and videos.
- Performance**
Powered by the Snapdragon 8 Elite processor and 12 GB of LPDDR5X RAM, the Samsung Galaxy S25 delivers remarkable performance for multitasking and demanding applications.
- Design**
The combination of Armor Aluminum and Corning Gorilla Glass Victus 2 offers protection against scratches, while the IP68 rating ensures resistance to dust and immersion in water up to 1.5 meters.

Main Specifications

Product Description	Samsung Galaxy S25 - navy - 5G smartphone - 128 GB - GSM
Product Type	5G smartphone
Energy Label QR Code URL	Https://eprel.ec.europa.eu/qr/2339790
Energy Class	Class B
Manufacturer Model Number	SM-S931B/DS
Display	OLED display - 2340 x 1080 pixels - 6.2" - 418 ppi - (120 Hz) - Dynamic AMOLED 2X - HDR - Corning Gorilla Glass Victus 2 (scratch resistant glass)
Processor	Qualcomm Snapdragon 8 Elite for Galaxy 4.47 GHz (8-core)
Memory	RAM 12 GB / Internal Memory 128 GB
Operating System	Android 15 with One UI 7

Main Camera	50 Megapixel - wide-angle lens 23 mm - f/1.8 - focus: automatic
Second Camera	12 Megapixel - ultra wide-angle lens 13 mm - f/2.2
Third Camera	10 Megapixel - telephoto lens - 3x optical zoom - f/2.4
Front Camera	12 Megapixel f/2.2 - automatic
Service Provider	Not specified
SIM Card	Dual-SIM - nano SIM, Electronic SIM card (e-SIM)
Wireless Interface	NFC, Wi-Fi 7, Bluetooth
Security Devices	Fingerprint reader (under display), face recognition
Connectors	USB-C
Wireless Charging Standards	WPC, Qi, Fast Wireless Charging 2.0, Wireless PowerShare
Protection	Dustproof, splashproof, water-resistant
Colour	Navy
Dimensions (WxDxH)	70.5 mm x 7.2 mm x 146.9 mm
Weight	162 g
Repairability Index	8.5 (out of 10)
Specific Absorption Rate (SAR)	1.294 W/kg (head) 1.363 W/kg (body) 2.13 W/kg (limb)
Manufacturer Warranty	2-year warranty

Extended Specification

General

Product Type	Smartphone
Energy Label QR Code URL	https://eprel.ec.europa.eu/qr/2339790
Energy Class	Class B
Manufacturer Model Number	SM-S931B/DS
Form Factor	Touch
Protection	Dustproof, splashproof, water-resistant
Width	70.5 mm
Depth	7.2 mm
Height	146.9 mm
Weight	162 g
Body Colour	Navy
Body Material	Armour Aluminium frame, Corning Gorilla Glass Victus 2

Memory

RAM	LPDDR5X SDRAM - 12 GB
Internal Memory Capacity	128 GB
User Memory	92.5 GB

Manufacturer Warranty

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

Processor

Type	Qualcomm Snapdragon 8 Elite for Galaxy
Clock Speed	4.47 GHz
Processor Core Qty	8-core

Miscellaneous

Ingress Protection Rating	IP68
---------------------------	------

Repeated Free Fall Reliability Class	Class A
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

Environmental Parameters

Max Depth of Water Resistance	1.5 m
-------------------------------	-------

Display

Type	OLED display
Technology	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, ProScaler
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

Battery

Capacity	4000 mAh
Fast Charging Technology	Qualcomm Quick Charge 2.0, Adaptive Fast Charging, Power Delivery
Wireless Charging	Yes
Wireless Charging Standards	WPC, Qi, Fast Wireless Charging 2.0, Wireless PowerShare
Battery Endurance per Cycle	2236 min
Battery Endurance in Cycles	2000
Run Time Details	Playback (video): up to 29 hrs

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
Wireless Interface	NFC, IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth 5.4

Connections

Connector Type	USB Type-C - 24 pin USB-C
----------------	---------------------------

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, Samsung Wallet, Galaxy AI, Circle to Search, Note Assist, Photo Assist, Samsung Knox Matrix, Interpreter, Transcript Assist, Samsung Health, Samsung Care+, Drawing Assist, Now Brief, Call Assist, Writing Assist, Audio Eraser

Cellular

Technology	WCDMA (UMTS) / GSM
Mobile Broadband Generation	5G
Service Provider	Not specified
Operating System	Android 15
User Interface	One UI 7
Intelligent Assistant	Google Gemini
Navigation	GPS, GLONASS, BeiDou, Galileo, QZSS
SIM Card Type	Nano SIM, Electronic SIM card (e-SIM)
SIM Card Qty	Dual-SIM
Input Device	Multi-touch

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

Front Camera

Sensor Resolution	12 Megapixel
Lens Aperture	F/2.2
Focus Adjustment	Automatic
Field of View (FoV)	80 degree(s)
HDR Mode	HDR10+ video
Video Resolutions	3840 x 2160 (4K) at 60 fps

Main Camera

Sensor Resolution	50 Megapixel
Optical Image Stabiliser	Optical Image Stabiliser (OIS)
Lens Type	Wide-angle lens
Lens Aperture	F/1.8
Min Focal Length	23 mm
Field of View (FoV)	85 degree(s)
Focus Adjustment	Automatic
Digital Zoom	30x
Special Effects	HDR
Camera Modes	Slow motion video, Pro mode, HYPERLAPSE, Food, Portrait, Night, Pro Video mode, Single Take, Portrait video, Director's View
HDR Mode	HDR10+ video
Light Source	LED flash
Video Resolutions	Slo-mo video 1920 x 1080 (1080p) at 120 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

Features	Quick Launch, Dual Pixel technology, Scene Optimiser, AR Doodle, Edit Suggestion, ProVisual Engine, 2x Optical Quality Zoom
----------	---

Second Camera

Sensor Resolution	12 Megapixel
Lens Type	Ultra wide-angle lens
Lens Aperture	F/2.2
Min Focal Length	13 mm
Field of View (FoV)	120 degree(s)

Third Camera

Sensor Resolution	10 Megapixel
Optical Zoom	3x
Digital Zoom	10x
Lens Type	Telephoto lens
Lens Aperture	F/2.4
Field of View (FoV)	36 degree(s)

Sustainability Information

Repairability Index	8.5 (out of 10)
Repairability Class	Class C

What's in the box

Samsung Galaxy S25
SIM card removal tool, USB-C to USB-C cable

*TD SYNEX is not responsible for errors in the documentation of products.