

Samsung Galaxy S25(SM-S931BZSDEEB)

Samsung Galaxy S25 - Enterprise Edition - 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 - silver shadow



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

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|---------------------------|--|
| Product Description | Samsung Galaxy S25 - Enterprise Edition - silver shadow - 5G smartphone - 128 GB - GSM |
| Product Type | 5G smartphone |
| 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 / 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 |

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| 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 | Wi-Fi 7, Bluetooth, NFC |
| 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 | Silver shadow |
| 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 | 3-year warranty |

Extended Specification

General

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|---------------------------|--|
| Product Type | Smartphone |
| 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 | Silver shadow |
| Body Material | Armour Aluminium frame, Corning Gorilla Glass Victus 2 |

Memory

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

Manufacturer Warranty

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| Service & Support | Limited warranty - 3 years |
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Processor

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

Miscellaneous

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| Ingress Protection Rating | IP68 |
| Repeated Free Fall Reliability Class | Class A |
| Compliant Standards | USB 3.2 Gen 1, Android Audio Streaming for Hearing Aid (ASHA), IP68, VDE |
| Included Accessories | SIM card removal tool, USB-C to USB-C cable |

Environmental Parameters

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| Max Depth of Water Resistance | 1.5 m |
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Display

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| 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/m ² |
| Colour Depth | 16.7 million colours |
| HDR | Yes |
| HDR Technology | HDR10+ |
| Enhancement Technology | ProScaler, Vision Booster technology |
| Refresh Rate | 120 Hz |
| Protection | Corning Gorilla Glass Victus 2 (scratch resistant glass) |
| Features | 1-120Hz adaptive refresh rate, AOD(Always On Display), 100% DCI-P3 |

Battery

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|-----------------------------|---|
| 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

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| 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, n12, n20, n25, n26, n28, n38, n40, n41, n66, n75, n77, n78 |
| 5G NR Frequency | FDD 2100, FDD 1900PCS, FDD 1800, FDD 850, FDD 2600, FDD 900, n12, FDD 800, FDD 1900, FDD 850, FDD 700APT, TDD TD 2600, TDD 2300, TDD TD 2500, FDD AWS-3, SDL DL 1500+, TDD TD 3700, TDD TD 3500 |
| Wireless Interface | IEEE 802.11a/b/g/n/ac/ax/be, Bluetooth 5.4, NFC |

Connections

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| Connector Type | USB Type-C - 24 pin USB-C |
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Phone Features

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| Sensors | Accelerometer, barometer, gyro sensor, geomagnetic sensor, hall sensor, light sensor, proximity sensor |
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| Security Devices | Fingerprint reader (under display), face recognition |
| Additional Features | MIMO technology, Samsung Smart Switch, Samsung DeX support, Galaxy AI, Circle to Search, dual stereo speakers, Audio Eraser, Samsung Health, Samsung KNOX, Samsung Knox Vault, Samsung Knox Matrix, Now Brief, Note Assist, Transcript Assist, Interpreter, Call Assist, Writing Assist, Photo Assist, Drawing Assist, Samsung Wallet, Samsung Care+, Samsung Knox Suite |

Cellular

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|-----------------------------|---------------------------------------|
| 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

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

Front Camera

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|---------------------|----------------------------|
| 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

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|--------------------------|---|
| 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 | Portrait, Pro mode, Pro Video mode, Portrait video, Night, Food, slow motion video, HYPERLAPSE, Director's View, Single Take |
| HDR Mode | HDR10+ video |
| Light Source | LED flash |
| Video Resolutions | 7680 x 4320 (UHD 8K) at 30fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, Slo-mo video 1920 x 1080 (1080p) at 120 fps, Slo-mo video 3840 x 2160 (4K) at 120 fps |
| Features | ProVisual Engine, 2x Optical Quality Zoom, Scene Optimiser, Quick Launch, Dual Pixel technology, AR Doodle, Edit Suggestion |

Second Camera

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|---------------------|-----------------------|
| 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

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|---------------------|----------------|
| 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

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

What's in the box

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

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