

Samsung Galaxy S25 SM-S931B/DS 15.8 cm (6.2") Dual SIM
Android 15 5G USB Type-C 12 GB 512 GB 4000 mAh Black, Blue

Brand : Samsung Product family: Galaxy Product code: SM-S931BZKHEUB

Product name : SM-S931B/DS

- Galaxy AI. The hyper-intelligent partner who gets you
- Next-gen ProVisual Engine. Natural portrait, no matter the lighting
- The most powerful processor custom-made for Galaxy SM-S931BZKHEUB

Samsung Galaxy S25 SM-S931B/DS. Display diagonal: 15.8 cm (6.2"), Display resolution: 2340 x 1080 pixels. Processor frequency: 3.5 GHz, Processor family: Snapdragon, Processor model: 8 Elite. RAM capacity: 12 GB, Internal storage capacity: 512 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 15. Battery capacity: 4000 mAh. Product colour: Black, Blue. Weight: 162 g



Display		Network	
Display diagonal *	15.8 cm (6.2")	Bluetooth *	✓
Screen shape	Flat	Bluetooth version	5.4
Display technology marketing name	Dynamic AMOLED 2X	2G bands (primary SIM)	850,1900,1800,900 MHz
Panel type	AMOLED	3G bands supported	2100,900,1900,850,1700 MHz
Display glass type	Gorilla Glass	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Gorilla Glass version	Gorilla Glass Victus 2	5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz
Display resolution *	2340 x 1080 pixels	4G data rate (max)	2000 Mbit/s
Display number of colours	16 million colours	5G data rate (max)	4.66 Gbit/s
Maximum refresh rate	120 Hz	Wi-Fi Direct	✓
Display brightness	1500 cd/m²	MIMO	✓
Pixel density	418 ppi	Modulation	4096-QAM
Brand specific technologies	Always-on display	Near Field Communication (NFC)	✓
Rounded display corners	✓	Ports & interfaces	
Processor		USB port	✓
Processor family *	Snapdragon	USB connector type	USB Type-C
Processor model *	8 Elite	USB version	3.2 Gen 1 (3.1 Gen 1)
Processor cores	8	Headphone connectivity	USB Type-C
Processor boost frequency	4.47 GHz	Mobile High-Definition Link (MHL)	✗
Processor frequency *	3.5 GHz	Navigation	
AI processor family	Qualcomm	GPS (satellite)	✓
Storage		GLONASS	✓
User memory	475.1 GB	BeiDou	✓
RAM capacity *	12 GB	Galileo	✓
Internal storage capacity *	512 GB	Quasi-Zenith Satellite System (QZSS)	✓
		Position location *	✓

Storage		Design	
Compatible memory cards *	Not supported	Form factor *	Bar
Camera		Product colour *	Black, Blue
		Colour name	Blueblack
		Performance	
Rear camera sensor size	1/1.56"	Fast charging	✓
Second rear camera sensor size	1/3.94"	Wireless charging	✓
Third rear camera sensor size	1/2.55"	Fingerprint reader	✓
Rear camera resolution (numeric) *	50 MP	Face recognition	✓
Second rear camera resolution (numeric)	10 MP	Hearing aid compatibility	✓
Third rear camera resolution (numeric)	12 MP	Multimedia	
Fourth rear camera resolution (numeric)	50 MP	Speakers	stereo
Rear camera aperture number	1.8	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Second rear camera aperture number	2.4		
Third rear camera aperture number	2.2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera pixel size	1 µm		
Rear camera pixel size (Quad Pixel technology)	1 µm	Software	
Second rear camera pixel size	1.4 µm	Platform *	Android
Rear camera field of view (FOV) angle	85°	Operating system installed *	Android 15
Second rear camera field of view (FOV) angle	36°	Battery	
Third rear camera field of view (FOV) angle	120°	Removable battery	✗
Optical zoom	3x	Battery capacity *	4000 mAh
Digital zoom	30x	Continuous video playback time	29 h
Front camera type *	Single camera	Sensors	
Front camera sensor size	1/3.2"	Proximity sensor	✓
Front camera resolution (numeric) *	12 MP	Accelerometer	✓
Front camera aperture number	2.2	Ambient light sensor	✓
Front camera pixel size	1.12 µm	Gyroscope	✓
Front camera field of view (FOV) angle	80°	Barometer	✓
Rear camera flash *	✓	Geomagnetic sensor	✓
Flash type	LED	Hall sensor	✓
Video capture resolution (max)	7680 x 4320 pixels	Power	
Maximum frame rate	30 fps	USB Type-C charging port *	✓
Resolution at capture speed	1280x720@30fps,	USB Power Delivery (USB PD)	✓
	1920x1080@30fps,	USB Type-C required charging power (min) *	10 W
	1920x1080@60fps,	USB Type-C required charging power (max) *	25 W
	3840x2160@30fps, 3840x2160@60fps	Endurance	
Video recording modes	720p, 1080p, 2160p, 4320p	Energy efficiency class *	B
Rear camera type *	Triple camera	Energy efficiency scale	A to G
Auto focus	✓	Battery endurance per cycle *	2236 min
Image stabilizer	✓	Battery endurance in cycles *	2000
Image stabilizer type	Optical Image Stabilization (OIS)	Repeated free fall reliability class *	A
Night mode	✓	Repairability class *	C
Panorama	✓	International Protection (IP) code *	IP68
Portrait mode	✓	Weight & dimensions	
Slow motion mode	✓	Width	70.5 mm
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Depth	7.2 mm
Camera image formats supported	DNG, HEIF, JPEG	Height	146.9 mm
		Weight *	162 g
Network		Certificates	
SIM card capability *	Dual SIM	Head SAR (EU)	1.294 W/kg
Mobile network generation *	5G	Body SAR (EU)	1.363 W/kg
SIM card type *	NanoSIM + eSIM		
2G standards	GSM		
3G standards *	WCDMA		

Network		Packaging content	
4G standard *	LTE-TDD & LTE-FDD	AC adapter included *	×
5G standard *	Sub6 SDL, Sub6 TDD		
Wi-Fi	✓	Other features	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	Compatibility	Galaxy Ring, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax), Wi-Fi 6E (802.11ax), Wi-Fi 7 (802.11be)		
		Repairability index	3.2
		Technical details	
		Security update term	31 January 2032



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Catalog Object Cloud



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