

Samsung Galaxy S24 15.8 cm (6.2") Dual SIM Android 14 5G USB Type-C 8 GB 128 GB 4000 mAh Black

Brand : Samsung

Product family: Galaxy

Product code: SM-S921BZKDEUB



Product name : Galaxy S24

- AI at your service
- Mind-blowing photo editing with just one tap
- Scroll for longer with optimised battery

SM-S921BZKDEUB

Samsung Galaxy S24 . Display diagonal: 15.8 cm (6.2"), Display resolution: 2340 x 1080 pixels.

Processor frequency: 2.9 GHz, Processor family: Samsung Exynos, Processor model: 2400. RAM capacity: 8 GB, RAM type: LPDDR5X, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 14. Battery capacity: 4000 mAh. Product colour: Black. Weight: 167 g



Display		Ports & interfaces	
Display diagonal *	15.8 cm (6.2")	USB port	✓
Screen shape	Flat	USB connector type	USB Type-C
Display technology marketing name	Dynamic AMOLED 2X	USB version	3.2 Gen 1 (3.1 Gen 1)
Display glass type	Gorilla Glass	Headphone connectivity	USB Type-C
Gorilla Glass version	Gorilla Glass Victus 2	Mobile High-Definition Link (MHL)	✗
Display resolution *	2340 x 1080 pixels	Navigation	
Display number of colours	16 million colours	GPS (satellite)	✓
Maximum refresh rate	120 Hz	GLONASS	✓
Maximum display brightness (Outdoor)	500 cd/m²	BeiDou	✓
Brand specific technologies	Always-on display	Galileo	✓
Processor		Quasi-Zenith Satellite System (QZSS)	✓
Processor family *	Samsung Exynos	Position location *	✓
Processor model *	2400	Design	
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520	Form factor *	Bar
Processor cores	10	Product colour *	Black
Processor boost frequency	3.2 GHz	Colour name	Onyx Black
Processor frequency *	2.9 GHz	Protection features	Dust resistant, Water resistant
Storage		Performance	
User memory	103.9 GB	Fast charging	✓
RAM capacity *	8 GB	Wireless charging	✓
RAM type	LPDDR5X	Fingerprint reader	✓
RAM clock speed	4206 MHz	Hearing aid compatibility	✓
Internal storage capacity *	128 GB	Multimedia	
Camera		Speakers	stereo
Rear camera resolution (numeric) *	50 MP	Audio system	Dolby Atmos
Second rear camera resolution (numeric)	10 MP	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Third rear camera resolution (numeric)	12 MP		
Fourth rear camera resolution (numeric)	50 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera aperture number	1.8		
Second rear camera aperture number	2.4		

Camera		Software	
Third rear camera aperture number	2.2	Platform *	Android
Optical zoom	3x	Operating system installed *	Android 14
Digital zoom	30x	Battery	
Front camera type *	Single camera	Battery technology	Lithium-Ion (Li-Ion)
Front camera resolution (numeric) *	12 MP	Wireless Power Share	✓
Front camera aperture number	2.2	Removable battery	✗
Rear camera flash *	✓	Battery capacity *	4000 mAh
Video capture resolution (max)	7680 x 4320 pixels	Browsing time (Wi-Fi)	25 h
Maximum frame rate	30 fps	Browsing time (4G)	25 h
Resolution at capture speed	1280x720@30fps,	Continuous audio playback time	78 h
	1920x1080@60fps,	Continuous video playback time	29 h
	3840x2160@30fps,	Wireless audio playback time	78 h
Video recording modes	3840x2160@60fps,	Wireless video playback time	29 h
	7680x4320@30fps	Sensors	
	720p, 1080p, 2160p, 4320p	Proximity sensor	✓
Rear camera type *	Triple camera	Accelerometer	✓
Auto focus	✓	Ambient light sensor	✓
Image stabilizer	✓	Gyroscope	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Barometer	✓
Night mode	✓	Geomagnetic sensor	✓
Panorama	✓	Hall sensor	✓
Portrait mode	✓	Power	
Slow motion mode	✓	USB Type-C charging port *	✓
Slow motion rate	240fps @FHD, 120fps @UHD	Endurance	
Network		Energy efficiency class *	A
SIM card capability *	Dual SIM	Energy efficiency scale	A to G
Mobile network generation *	5G	Battery endurance per cycle *	2486 min
SIM card type *	NanoSIM + eSIM	Battery endurance in cycles *	2000
2G standards	GSM	Repeated free fall reliability class *	A
3G standards *	WCDMA	Repairability class *	C
4G standard *	LTE-TDD & LTE-FDD	International Protection (IP) code *	IP68
5G standard *	Sub6 SDL, Sub6 TDD	Weight & dimensions	
Wi-Fi	✓	Width	70.6 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Depth	7.6 mm
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)	Height	147 mm
Bluetooth *	✓	Weight *	167 g
Bluetooth version	5.3	Certificates	
Bluetooth profiles	DI, A2DP, HFP, HID, HOGP, OPP, PBAP, AVRCP, PBP, TMAP, SAP, MAP	Head SAR (EU)	0.869 W/kg
aptX technology	✓	Body SAR (EU)	1.35 W/kg
2G bands (primary SIM)	850,1900,1800,900 MHz	Packaging content	
3G bands supported	2100,900,1900,850,1700 MHz	Cables included	USB Type-C
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	SIM card ejector pin	✓
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz	Other features	
Wi-Fi Direct	✓	Compatibility	Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds2, Galaxy Buds, Galaxy Buds FE, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
MIMO	✓		
Modulation	1024-QAM		
Near Field Communication (NFC)	✓	Repairability index	8.5
		Technical details	
		Security update term	31 January 2031



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Catalog Object Cloud



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