

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 : S24



- AI at your service
 - Mind-blowing photo editing with just one tap
 - Scroll for longer with optimised battery
- Galaxy S24

Samsung Galaxy S24 . Display diagonal: 15.8 cm (6.2"), Display resolution: 2340 x 1080 pixels. 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		Network	
Display diagonal *	15.8 cm (6.2")	4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
Screen shape	Flat	5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz
Display technology marketing name	Dynamic AMOLED 2X	Wi-Fi Direct	✓
Display glass type	Gorilla Glass	MIMO	✓
Gorilla Glass version	Gorilla Glass Victus 2	Modulation	1024-QAM
Display resolution *	2340 x 1080 pixels	Near Field Communication (NFC)	✓
Display number of colours	16 million colours	Ports & interfaces	
Maximum refresh rate	120 Hz	USB port *	✓
Maximum display brightness (Outdoor)	500 cd/m²	USB connector type	USB Type-C
Brand specific technologies	Always-on display	USB version	3.2 Gen 1 (3.1 Gen 1)
Processor		Design	
Processor family *	Samsung Exynos	Form factor *	Bar
Processor model *	2400	Product colour *	Black
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520	Colour name	Onyx Black
Processor cores	10	International Protection (IP) code	IP68
Processor boost frequency	3.2 GHz	Protection features	Dust resistant, Water resistant
Storage		Performance	
RAM capacity *	8 GB	Fast charging	✓
RAM type	LPDDR5X	Wireless charging	✓
RAM clock speed	4206 MHz	Fingerprint reader	✓
Internal storage capacity *	128 GB	Hearing aid compatibility	✓
Camera		Navigation	
Rear camera resolution (numeric) *	50 MP	GPS (satellite)	✓
Second rear camera resolution (numeric)	10 MP	GLONASS	✓
Third rear camera resolution (numeric)	12 MP	BeiDou	✓
Rear camera aperture number	1.8	Galileo	✓
Second rear camera aperture number	2.4	Quasi-Zenith Satellite System (QZSS)	✓
Third rear camera aperture number	2.2	Position location *	✓
Optical zoom	3x	Multimedia	
Digital zoom	30x	Speakers	stereo
Front camera type *	Single camera	Audio system	Dolby Atmos
		Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF

Camera		Multimedia	
Front camera resolution (numeric) *	12 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera aperture number	2.2	Software	
Rear camera flash *	✓	Platform *	Android
Video capture resolution (max)	7680 x 4320 pixels	Operating system installed *	Android 14
Maximum frame rate	240 fps	Battery	
Rear camera type *	Triple camera	Battery technology	Lithium-Ion (Li-Ion)
Auto focus	✓	Wireless Power Share	✓
Image stabilizer	✓	Battery capacity *	4000 mAh
Image stabilizer type	Optical Image Stabilization (OIS)	Browsing time (Wi-Fi)	25 h
Night mode	✓	Browsing time (4G)	25 h
Panorama	✓	Continuous audio playback time	78 h
Portrait mode	✓	Continuous video playback time	29 h
Network		Sensors	
SIM card capability *	Dual SIM	Proximity sensor	✓
Mobile network generation *	5G	Accelerometer	✓
SIM card type *	NanoSIM + eSIM	Ambient light sensor	✓
3G standards *	UMTS, WCDMA	Gyroscope	✓
4G standard *	LTE-TDD & LTE-FDD	Barometer	✓
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD	Geomagnetic sensor	✓
Wi-Fi *	✓	Hall sensor	✓
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)	Weight & dimensions	
Bluetooth *	✓	Width	70.6 mm
Bluetooth version	5.3	Depth	7.6 mm
Bluetooth profiles	DI, A2DP, HFP, HID, HOGP, OPP, PBAP, AVRCP, PBP, TMAP, SAP, MAP	Height	147 mm
aptX technology	✓	Weight *	167 g
3G bands supported	850,900,1900,2100 MHz	Packaging content	
		Cables included	USB Type-C
		SIM card ejector pin	✓
		Technical details	
		Repairability index	8.5



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