

# Samsung Galaxy S24 15.8 cm (6.2") Dual SIM Android 14 5G USB Type-C 8 GB 256 GB 4000 mAh Black



**Brand :** Samsung

**Product family:** Galaxy

**Product code:** SM-S921BZKGEUB

**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: 256 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")	3G bands supported	850,900,1900,2100 MHz
Screen shape	Flat	4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
Display technology marketing name	Dynamic AMOLED 2X	5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz
Display glass type	Gorilla Glass	Wi-Fi Direct	✓
Gorilla Glass version	Gorilla Glass Victus 2	MIMO	✓
Display resolution *	2340 x 1080 pixels	Modulation	1024-QAM
Display number of colours	16 million colours	Near Field Communication (NFC)	✓
Maximum refresh rate	120 Hz	Ports & interfaces	
Maximum display brightness (Outdoor)	500 cd/m <sup>2</sup>	USB port *	✓
Brand specific technologies	Always-on display	USB connector type	USB Type-C
Processor		USB version	3.2 Gen 1 (3.1 Gen 1)
Processor family *	Samsung Exynos	Design	
Processor model *	2400	Form factor *	Bar
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520	Product colour *	Black
Processor cores	10	Colour name	Onyx Black
Processor boost frequency	3.2 GHz	International Protection (IP) code	IP68
Storage		Protection features	Dust resistant, Water resistant
RAM capacity *	8 GB	Performance	
RAM type	LPDDR5X	Fast charging	✓
RAM clock speed	4206 MHz	Wireless charging	✓
Internal storage capacity *	256 GB	Fingerprint reader	✓
Camera		Hearing aid compatibility	✓
Rear camera resolution (numeric) *	50 MP	Navigation	
Second rear camera resolution (numeric)	10 MP	GPS (satellite)	✓
Third rear camera resolution (numeric)	12 MP	GLONASS	✓
Rear camera aperture number	1.8	BeiDou	✓
Second rear camera aperture number	2.4	Galileo	✓
Third rear camera aperture number	2.2	Quasi-Zenith Satellite System (QZSS)	✓
Optical zoom	3x	Position location *	✓
Digital zoom	30x	Multimedia	
Front camera type *	Single camera	Speakers	stereo
		Audio system	Dolby Atmos

<b>Camera</b>		<b>Multimedia</b>	
Front camera resolution (numeric) *	12 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
Front camera aperture number	2.2	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera flash *	✓	<b>Software</b>	
Video capture resolution (max)	7680 x 4320 pixels	Platform *	Android
Maximum frame rate	240 fps	Operating system installed *	Android 14
Rear camera type *	Triple camera	<b>Battery</b>	
Auto focus	✓	Battery technology	Lithium-Ion (Li-Ion)
Image stabilizer	✓	Wireless Power Share	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Battery capacity *	4000 mAh
Night mode	✓	Browsing time (Wi-Fi)	25 h
Panorama	✓	Browsing time (4G)	25 h
Portrait mode	✓	Continuous audio playback time	78 h
<b>Network</b>		Continuous video playback time	29 h
SIM card capability *	Dual SIM	<b>Sensors</b>	
Mobile network generation *	5G	Proximity sensor	✓
SIM card type *	NanoSIM + eSIM	Accelerometer	✓
3G standards *	UMTS, WCDMA	Ambient light sensor	✓
4G standard *	LTE-TDD & LTE-FDD	Gyroscope	✓
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD	Barometer	✓
Voice over LTE (VoLTE) supported	✓	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)	<b>Weight &amp; dimensions</b>	
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
		<b>Packaging content</b>	
		Cables included	USB Type-C
		SIM card ejector pin	✓
		<b>Technical details</b>	
		Repairability index	8.5



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Publication date: 17-JUN-2024. Prints or copies of Information are only valid on the printed Publication date