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

8,5

Display

Display diagonal *	15.8 cm (6.2")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus 2
Display resolution *	2340 x 1080 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Maximum display brightness (Outdoor)	500 cd/m²
Brand specific technologies	Always-on display

Processor

Processor family *	Samsung Exynos
Processor model *	2400
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520
Processor cores	10
Processor boost frequency	3.2 GHz

Storage

RAM capacity *	8 GB
RAM type	LPDDR5X
RAM clock speed	4206 MHz
Internal storage capacity *	128 GB

Camera

Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	10 MP
Third rear camera resolution (numeric)	12 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.4
Third rear camera aperture number	2.2
Optical zoom	3x
Digital zoom	30x
Front camera type *	Single camera

Network

4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz
Wi-Fi Direct	✓
MIMO	✓
Modulation	1024-QAM
Near Field Communication (NFC)	✓

Ports & interfaces

USB port *	✓
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)

Design

Form factor *	Bar
Product colour *	Black
Colour name	Onyx Black
International Protection (IP) code	IP68
Protection features	Dust resistant, Water resistant

Performance

Fast charging	✓
Wireless charging	✓
Fingerprint reader	✓
Hearing aid compatibility	✓

Navigation

GPS (satellite)	✓
GLONASS	✓
BeiDou	✓
Galileo	✓
Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓

Multimedia

Speakers	stereo
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

Front camera resolution (numeric) *	12 MP
Front camera aperture number	2.2
Rear camera flash *	✔
Video capture resolution (max)	7680 x 4320 pixels
Maximum frame rate	240 fps
Rear camera type *	Triple camera
Auto focus	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Night mode	✔
Panorama	✔
Portrait mode	✔

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
3G standards *	UMTS, WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD
Wi-Fi	✔
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)
Bluetooth *	✔
Bluetooth version	5.3
Bluetooth profiles	DI, A2DP, HFP, HID, HOGP, OPP, PBAP, AVRCP, PBP, TMAP, SAP, MAP
aptX technology	✔
3G bands supported	850,900,1900,2100 MHz

Multimedia

Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software

Platform *	Android
Operating system installed *	Android 14

Battery

Battery technology	Lithium-Ion (Li-Ion)
Wireless Power Share	✔
Battery capacity *	4000 mAh
Browsing time (Wi-Fi)	25 h
Browsing time (4G)	25 h
Continuous audio playback time	78 h
Continuous video playback time	29 h

Sensors

Proximity sensor	✔
Accelerometer	✔
Ambient light sensor	✔
Gyroscope	✔
Barometer	✔
Geomagnetic sensor	✔
Hall sensor	✔

Weight & dimensions

Width	70.6 mm
Depth	7.6 mm
Height	147 mm
Weight *	167 g

Packaging content

Cables included	USB Type-C
SIM card ejector pin	✔

Other features

Repairability index	8.5

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