

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



Brand : Samsung

Product family: Galaxy

Product code: SM-S921BZVGEUB

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: Violet. 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 ²	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 *	Violet
Processor cores	10	Colour name	Cobalt Violet
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)	✓
		Position location *	✓
		Multimedia	
		Speakers	stereo
		Audio system	Dolby Atmos

Camera		Multimedia	
Optical zoom	3x	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Digital zoom	30x		Video formats supported
Front camera type *	Single camera	Software	
Front camera resolution (numeric) *	12 MP	Platform *	Android
Front camera aperture number	2.2	Operating system installed *	Android 14
Rear camera flash *	✓	Battery	
Video capture resolution (max)	7680 x 4320 pixels	Wireless Power Share	✓
Maximum frame rate	240 fps	Battery capacity *	4000 mAh
Rear camera type *	Triple camera	Browsing time (Wi-Fi)	25 h
Auto focus	✓	Browsing time (4G)	25 h
Image stabilizer	✓	Continuous audio playback time	78 h
Image stabilizer type	Optical Image Stabilization (OIS)	Continuous video playback time	29 h
Night mode	✓	Sensors	
Panorama	✓	Proximity sensor	✓
Portrait mode	✓	Accelerometer	✓
Network		Ambient light sensor	✓
SIM card capability *	Dual SIM	Gyroscope	✓
Mobile network generation *	5G	Barometer	✓
SIM card type *	NanoSIM + eSIM	Geomagnetic sensor	✓
3G standards *	UMTS, WCDMA	Hall sensor	✓
4G standard *	LTE-TDD & LTE-FDD	Weight & dimensions	
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD	Width	70.6 mm
Voice over LTE (VoLTE) supported	✓	Depth	7.6 mm
Wi-Fi *	✓	Height	147 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)	Weight *	167 g
Bluetooth *	✓	Packaging content	
Bluetooth version	5.3	Cables included	USB Type-C
Bluetooth profiles	DI, A2DP, HFP, HID, HOGP, OPP, PBAP, AVRCP, PBP, TMAP, SAP, MAP	SIM card ejector pin	✓
aptX technology	✓	Technical details	
		Repairability index	8.5



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