

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
- SM-S921BZVGEUB

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: 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")	Near Field Communication (NFC)	✓
Screen shape	Flat	Ports & interfaces	
Display technology marketing name	Dynamic AMOLED 2X	USB port	✓
Display glass type	Gorilla Glass	USB connector type	USB Type-C
Gorilla Glass version	Gorilla Glass Victus 2	USB version	3.2 Gen 1 (3.1 Gen 1)
Display resolution *	2340 x 1080 pixels	Headphone connectivity	USB Type-C
Display number of colours	16 million colours	Mobile High-Definition Link (MHL)	✗
Maximum refresh rate	120 Hz	Navigation	
Maximum display brightness (Outdoor)	500 cd/m²	GPS (satellite)	✓
Brand specific technologies	Always-on display	GLONASS	✓
Processor		BeiDou	✓
Processor family *	Samsung Exynos	Galileo	✓
Processor model *	2400	Quasi-Zenith Satellite System (QZSS)	✓
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520	Position location *	✓
Processor cores	10	Design	
Processor boost frequency	3.2 GHz	Form factor *	Bar
Processor frequency *	2.9 GHz	Product colour *	Violet
Storage		Colour name	Cobalt Violet
User memory	231.2 GB	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	Multimedia	
Second rear camera resolution (numeric)	10 MP	Speakers	stereo
Third rear camera resolution (numeric)	12 MP	Audio system	Dolby Atmos
Fourth rear camera resolution (numeric)	50 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
Rear camera aperture number	1.8		Video formats supported
Second rear camera aperture number	2.4		
Third rear camera aperture number	2.2		
Optical zoom	3x		

Camera		Software	
Digital zoom	30x	Platform *	Android
Front camera type *	Single camera	Operating system installed *	Android 14
Front camera resolution (numeric) *	12 MP	Battery	
Front camera aperture number	2.2	Wireless Power Share	✓
Rear camera flash *	✓	Removable battery	✗
Video capture resolution (max)	7680 x 4320 pixels	Battery capacity *	4000 mAh
Maximum frame rate	30 fps	Browsing time (Wi-Fi)	25 h
Resolution at capture speed	1280x720@30fps,	Browsing time (4G)	25 h
	1920x1080@60fps,	Continuous audio playback time	78 h
	3840x2160@30fps,	Continuous video playback time	29 h
	3840x2160@60fps,	Wireless audio playback time	78 h
Video recording modes	720p, 1080p, 2160p, 4320p	Wireless video playback time	29 h
		Sensors	
Rear camera type *	Triple camera	Proximity sensor	✓
Auto focus	✓	Accelerometer	✓
Image stabilizer	✓	Ambient light sensor	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Gyroscope	✓
Night mode	✓	Barometer	✓
Panorama	✓	Geomagnetic sensor	✓
Portrait mode	✓	Hall sensor	✓
Slow motion mode	✓	Power	
Slow motion rate	240fps @FHD, 120fps @UHD	USB Type-C charging port *	✓
Network		Endurance	
SIM card capability *	Dual SIM	Energy efficiency class *	A
Mobile network generation *	5G	Energy efficiency scale	A to G
SIM card type *	NanoSIM + eSIM	Battery endurance per cycle *	2486 min
2G standards	GSM	Battery endurance in cycles *	2000
3G standards *	WCDMA	Repeated free fall reliability class *	A
4G standard *	LTE-TDD & LTE-FDD	Repairability class *	C
5G standard *	Sub6 SDL, Sub6 TDD	International Protection (IP) code *	IP68
Voice over LTE (VoLTE) supported	✓	Weight & dimensions	
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	Width	70.6 mm
Wi-Fi	✓	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		
		Repairability index	8.5
		Technical details	
		Security update term	31 January 2031



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