

Samsung Galaxy S24 15.8 cm (6.2") Dual SIM Android 14 5G USB Type-C 8 GB 128 GB 4000 mAh Violet

Brand : Samsung Product family: Galaxy Product code: SM-S921BZVDEUB

Product name : S24

- AI at your service
 - Mind-blowing photo editing with just one tap
 - Scroll for longer with optimised battery
- SM-S921BZVDEUB

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: 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: Violet. Weight: 167 g



Display		Ports & interfaces	
Display diagonal *	15.8 cm (6.2")	USB port	✓
Screen shape	Flat	USB connector type	USB Type-C
Display technology marketing name	Dynamic AMOLED 2X	USB version	3.2 Gen 1 (3.1 Gen 1)
Display glass type	Gorilla Glass	Headphone connectivity	USB Type-C
Gorilla Glass version	Gorilla Glass Victus 2	Mobile High-Definition Link (MHL)	✗
Display resolution *	2340 x 1080 pixels	Navigation	
Display number of colours	16 million colours	GPS (satellite)	✓
Maximum refresh rate	120 Hz	GLONASS	✓
Maximum display brightness (Outdoor)	500 cd/m²	BeiDou	✓
Brand specific technologies	Always-on display	Galileo	✓
Processor		Quasi-Zenith Satellite System (QZSS)	✓
Processor family *	Samsung Exynos	Position location *	✓
Processor model *	2400	Design	
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520	Form factor *	Bar
Processor cores	10	Product colour *	Violet
Processor boost frequency	3.2 GHz	Colour name	Cobalt Violet
Processor frequency *	2.9 GHz	Protection features	Dust resistant, Water resistant
Storage		Performance	
User memory	103.9 GB	Fast charging	✓
RAM capacity *	8 GB	Wireless charging	✓
RAM type	LPDDR5X	Fingerprint reader	✓
RAM clock speed	4206 MHz	Hearing aid compatibility	✓
Internal storage capacity *	128 GB	Multimedia	
Camera		Speakers	stereo
Rear camera resolution (numeric) *	50 MP	Audio system	Dolby Atmos
Second rear camera resolution (numeric)	10 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
Third rear camera resolution (numeric)	12 MP		
Fourth rear camera resolution (numeric)	50 MP	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera aperture number	1.8		
Second rear camera aperture number	2.4	Software	
Third rear camera aperture number	2.2	Platform *	Android
Optical zoom	3x		

Camera		Software	
Digital zoom	30x	Operating system installed *	Android 14
Front camera type *	Single camera	Battery	
Front camera resolution (numeric) *	12 MP	Battery technology	Lithium-Ion (Li-Ion)
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	7680x4320@30fps	Wireless video playback time	29 h
	720p, 1080p, 2160p, 4320p	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		
Near Field Communication (NFC)	✓	Repairability index	8.5
		Technical details	
		Security update term	31 January 2031



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