

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



Brand : Samsung

Product family: Galaxy

Product code: SM-S921BZVGEUE

Product name : Galaxy S24

6.2" FHD+ Dynamic AMOLED 2X, 8GB RAM, 256GB ROM, 50MP+10MP+12MP/12MP, 5G, 4000 mAh, Cobalt Violet
 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. Battery capacity: 4000 mAh. Product colour: Violet. Weight: 167 g

Display		Network	
Display diagonal *	15.8 cm (6.2")	Modulation	1024-QAM
Screen shape	Flat	Near Field Communication (NFC)	✓
Display technology marketing name	Dynamic AMOLED 2X	Ports & interfaces	
Display glass type	Gorilla Glass	USB port	✓
Gorilla Glass version	Gorilla Glass Victus 2	USB connector type	USB Type-C
Display resolution *	2340 x 1080 pixels	USB version	3.2 Gen 1 (3.1 Gen 1)
Display number of colours	16 million colours	Navigation	
Maximum refresh rate	120 Hz	GPS (satellite)	✓
Maximum display brightness (Outdoor)	500 cd/m²	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
Storage		Product colour *	Violet
User memory	231.2 GB	Colour name	Cobalt Violet
RAM capacity *	8 GB	Protection features	Dust resistant, Water resistant
RAM type	LPDDR5X	Performance	
Internal storage capacity *	256 GB	Fast charging	✓
Camera		Wireless charging	✓
Rear camera resolution (numeric) *	50 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	10 MP	Hearing aid compatibility	✓
Third rear camera resolution (numeric)	12 MP	Multimedia	
Rear camera aperture number	1.8	Speakers	stereo
Second rear camera aperture number	2.4	Audio system	Dolby Atmos
Third rear camera aperture number	2.2	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Optical zoom	3x		3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Digital zoom	30x	Software	
Front camera type *	Single camera	Platform *	Android
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		

Camera		Battery	
Resolution at capture speed	1280x720@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps, 7680x4320@30fps	Battery capacity *	4000 mAh
Video recording modes	720p, 1080p, 2160p, 4320p	Browsing time (Wi-Fi)	25 h
Rear camera type *	Triple camera	Browsing time (4G)	25 h
Auto focus	✓	Continuous audio playback time	78 h
Image stabilizer	✓	Continuous video playback time	29 h
Image stabilizer type	Optical Image Stabilization (OIS)	Sensors	
Night mode	✓	Proximity sensor	✓
Panorama	✓	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	Endurance	
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD	Energy efficiency class *	A
Wi-Fi	✓	Energy efficiency scale	A to G
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)	Battery endurance per cycle *	2486 min
Bluetooth *	✓	Battery endurance in cycles *	2000
Bluetooth version	5.3	Repeated free fall reliability class *	A
3G bands supported	850,900,1900,2100 MHz	Repairability class *	C
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz	International Protection (IP) code *	IP68
5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz	Weight & dimensions	
Wi-Fi Direct	✓	Width	70.6 mm
MIMO	✓	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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