

Samsung Galaxy S24 SM-S921B/DS 15.8 cm (6.2") Dual SIM 5G  
USB Type-C 8 GB 256 GB 4000 mAh Orange

Brand : Samsung      Product family: Galaxy      Product code: SM-S921BZOGUEU

Product name : SM-S921B/DS



Samsung Galaxy S24 SM-S921B/DS. Display diagonal: 15.8 cm (6.2"), Display resolution: 2340 x 1080 pixels. Processor family: Samsung Exynos, Processor: 2400. RAM capacity: 8 GB, 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: Orange. 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 resolution *	2340 x 1080 pixels	Navigation	
Display colors	16 million colours	GPS	✓
Maximum refresh rate	120 Hz	GLONASS	✓
Processor		BeiDou	✓
Processor family *	Samsung Exynos	Galileo	✓
Processor *	2400	Quasi-Zenith Satellite System (QZSS)	✓
Processor number of cores	10	Position location *	✓
Storage		Design	
RAM capacity *	8 GB	Form factor *	Bar
Internal storage capacity *	256 GB	Product colour *	Orange
Camera		Color name	Sandstone Orange
Rear camera resolution (numeric) *	50 MP	Protection features	Dust resistant, Water resistant
Second rear camera resolution (numeric)	10 MP	Performance	
Third rear camera resolution (numeric)	12 MP	Fingerprint reader	✓
Rear camera aperture number	1.8	Hearing aid compatibility	✓
Second rear camera aperture number	2.4	Multimedia	
Third rear camera aperture number	2.2	Speakers	stereo
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		3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Front camera type *	Single camera	Software	
Front camera resolution (numeric) *	12 MP	Platform *	Android
Front camera aperture number	2.2	Battery	
Rear camera flash *	✓	Battery capacity *	4000 mAh
Video capture resolution (max)	7680 x 4320 pixels	Browsing time (Wi-Fi)	25 h
Maximum frame rate	240 fps	Browsing time (4G)	25 h
Rear camera type *	Triple camera		
Auto focus	✓		
Image stabilizer	✓		
Image stabilizer type	Optical Image Stabilization (OIS)		

Network		Battery	
SIM card capability *	Dual SIM	Continuous audio playback time	78 h
Mobile network generation *	5G	Continuous video playback time	29 h
SIM card type *	NanoSIM + eSIM	Sensors	
3G standards *	UMTS, WCDMA	Proximity sensor	✓
4G standard *	LTE-TDD & LTE-FDD	Accelerometer	✓
5G standard *	Sub6 FDD, Sub6 SDL, Sub6 TDD	Ambient light sensor	✓
Wi-Fi	✓	Gyroscope	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Barometer	✓
Bluetooth *	✓	Geomagnetic sensor	✓
Bluetooth version	5.3	Hall sensor	✓
3G bands supported	850,900,1900,2100 MHz	Endurance	
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz	Energy efficiency class *	A
5G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600,3500,3700 MHz	Energy efficiency scale	A to G
Wi-Fi Direct	✓	Battery endurance per cycle *	2486 min
MIMO	✓	Battery endurance in cycles *	2000
Modulation	1024-QAM	Repeated free fall reliability class *	A
Near Field Communication (NFC)	✓	Repairability class *	C
		International Protection (IP) code *	IP68
		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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