

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

Brand : Samsung

Product family: Galaxy

Product code: SM-S921BZYDEUB

Product name : Galaxy S24



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

SM-S921BZYDEUB

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: Amber, Yellow. 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 *	Amber, Yellow
Storage		Protection features	Dust resistant, Water resistant
User memory	103.9 GB	Performance	
RAM capacity *	8 GB	Fast charging	✓
RAM type	LPDDR5X	Wireless charging	✓
RAM clock speed	4206 MHz	Fingerprint reader	✓
Internal storage capacity *	128 GB	Hearing aid compatibility	✓
Camera		Multimedia	
Rear camera resolution (numeric) *	50 MP	Speakers	stereo
Second rear camera resolution (numeric)	10 MP	Audio system	Dolby Atmos
Third rear camera resolution (numeric)	12 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
Fourth rear camera resolution (numeric)	50 MP		3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera aperture number	1.8	Video formats supported	
Second rear camera aperture number	2.4		

Camera		Software	
Third rear camera aperture number	2.2	Platform *	Android
Optical zoom	3x	Operating system installed *	Android 14
Digital zoom	30x	Battery	
Front camera type *	Single camera	Battery technology	Lithium-Ion (Li-Ion)
Front camera resolution (numeric) *	12 MP	Wireless Power Share	✓
Front camera aperture number	2.2	Removable 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	30 fps	Browsing time (4G)	25 h
Resolution at capture speed	1280x720@30fps,	Continuous audio playback time	78 h
	1920x1080@60fps,	Continuous video playback time	29 h
	3840x2160@30fps,	Wireless audio playback time	78 h
Video recording modes	3840x2160@60fps,	Wireless video playback time	29 h
	7680x4320@30fps	Sensors	
	720p, 1080p, 2160p, 4320p	Proximity sensor	✓
Rear camera type *	Triple camera	Accelerometer	✓
Auto focus	✓	Ambient light sensor	✓
Image stabilizer	✓	Gyroscope	✓
Image stabilizer type	Optical Image Stabilization (OIS)	Barometer	✓
Night mode	✓	Geomagnetic sensor	✓
Panorama	✓	Hall sensor	✓
Portrait mode	✓	Power	
Slow motion mode	✓	USB Type-C charging port *	✓
Slow motion rate	240fps @FHD, 120fps @UHD	Endurance	
Network		Energy efficiency class *	A
SIM card capability *	Dual SIM	Energy efficiency scale	A to G
Mobile network generation *	5G	Battery endurance per cycle *	2486 min
SIM card type *	NanoSIM + eSIM	Battery endurance in cycles *	2000
2G standards	GSM	Repeated free fall reliability class *	A
3G standards *	WCDMA	Repairability class *	C
4G standard *	LTE-TDD & LTE-FDD	International Protection (IP) code *	IP68
5G standard *	Sub6 SDL, Sub6 TDD	Weight & dimensions	
Voice over LTE (VoLTE) supported	✓	Width	70.6 mm
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)	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 *	✓	Certificates	
Bluetooth version	5.3	Head SAR (EU)	0.869 W/kg
Bluetooth profiles	DI, A2DP, HFP, HID, HOGP, OPP, PBAP, AVRCP, PBP, TMAP, SAP, MAP	Body SAR (EU)	1.35 W/kg
aptX technology	✓	Packaging content	
2G bands (primary SIM)	850,1900,1800,900 MHz	Cables included	USB Type-C
3G bands supported	2100,900,1900,850,1700 MHz	SIM card ejector pin	✓
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz	Other features	
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz	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
Wi-Fi Direct	✓		
MIMO	✓		
Modulation	1024-QAM	Repairability index	8.5
		Technical details	
		Security update term	31 January 2031



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