

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

Brand : Samsung

Product family: Galaxy

Product code: SM-S921BZKDEEB

Product name : S24 Enterprise Edition

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

Galaxy S24 Enterprise Edition

Samsung Galaxy S24 Enterprise Edition. 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: Black. Weight: 167 g



Display		Ports & interfaces	
Display diagonal *	15.8 cm (6.2")	USB version	3.2 Gen 1 (3.1 Gen 1)
Screen shape	Flat	Headphone connectivity	USB Type-C
Display technology marketing name	Dynamic AMOLED 2X	Mobile High-Definition Link (MHL)	✗
Display glass type	Gorilla Glass	Navigation	
Gorilla Glass version	Gorilla Glass Victus 2	GPS (satellite)	✓
Display resolution *	2340 x 1080 pixels	GLONASS	✓
Display number of colours	16 million colours	BeiDou	✓
Maximum refresh rate	120 Hz	Galileo	✓
Maximum display brightness (Outdoor)	500 cd/m²	Quasi-Zenith Satellite System (QZSS)	✓
Pixel density	418 ppi	Position location *	✓
Brand specific technologies	Always-on display	Design	
Processor		Form factor *	Bar
Processor family *	Samsung Exynos	Product colour *	Black
Processor model *	2400	Colour name	Onyx Black
Processor architecture	ARM Cortex-X4+Cortex-A720+Cortex-A520	Protection features	Dust resistant, Water resistant
Processor cores	10	Performance	
Processor boost frequency	3.2 GHz	Fast charging	✓
Processor frequency *	2.9 GHz	Wireless charging	✓
Storage		Fingerprint reader	✓
User memory	103.9 GB	Hearing aid compatibility	✓
RAM capacity *	8 GB		
RAM type	LPDDR5X		

Storage		Multimedia	
RAM clock speed	4206 MHz	Speakers	stereo
Internal storage capacity *	128 GB	Audio system	Dolby Atmos
Camera		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 resolution (numeric) *	50 MP		
Second rear camera resolution (numeric)	10 MP		
Third rear camera resolution (numeric)	12 MP		
Fourth rear camera resolution (numeric)	50 MP		
Rear camera aperture number	1.8	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera aperture number	2.4		
Third rear camera aperture number	2.2		
Optical zoom	3x		
Digital zoom	30x		
Front camera type *	Single camera		
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	30 fps		
Rear camera type *	Triple camera		
Auto focus	✓		
Image stabilizer	✓		
Image stabilizer type	Optical Image Stabilization (OIS)		
Night mode	✓		
Panorama	✓		
Portrait mode	✓		
Slow motion mode	✓		
Slow motion rate	240fps @FHD, 120fps @UHD		
Network		Software	
SIM card capability *	Dual SIM	Platform *	Android
Mobile network generation *	5G	Operating system installed *	Android 14
SIM card type *	NanoSIM + eSIM		
2G standards	GSM		
3G standards *	WCDMA		
4G standard *	LTE-TDD & LTE-FDD		
5G standard *	Sub6 SDL, Sub6 TDD		
Voice over LTE (VoLTE) supported	✓		
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)		
Wi-Fi	✓		
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)		
Bluetooth *	✓		
Bluetooth version	5.3		
Bluetooth profiles	DI, A2DP, HFP, HID, HOGP, OPP, PBAP, AVRCP, PBP, TMAP, SAP, MAP		
aptX technology	✓		
2G bands (primary SIM)	850,1900,1800,900 MHz		
3G bands supported	2100,900,1900,850,1700 MHz		
4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz		
5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz		
Wi-Fi Direct	✓		
MIMO	✓		
Modulation	1024-QAM		
Near Field Communication (NFC)	✓		
Ports & interfaces		Battery	
USB port	✓	Battery technology	Lithium-Ion (Li-Ion)
USB connector type	USB Type-C	Wireless Power Share	✓
		Removable battery	✗
		Battery capacity *	4000 mAh
		Browsing time (Wi-Fi)	25 h
		Browsing time (4G)	25 h
		Continuous audio playback time	78 h
		Continuous video playback time	29 h
		Wireless audio playback time	78 h
		Wireless video playback time	29 h
		Sensors	
		Proximity sensor	✓
		Accelerometer	✓
		Ambient light sensor	✓
		Gyroscope	✓
		Barometer	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
		Power	
		USB Type-C charging port *	✓
		USB Power Delivery (USB PD)	✓
		USB Type-C required charging power (min) *	10 W
		USB Type-C required charging power (max) *	25 W
		Endurance	
		Energy efficiency class *	A
		Energy efficiency scale	A to G
		Battery endurance per cycle *	2486 min
		Battery endurance in cycles *	2000
		Repeated free fall reliability class *	A
		Repairability class *	C
		International Protection (IP) code *	IP68
		Weight & dimensions	
		Width	70.6 mm
		Depth	7.6 mm
		Height	147 mm
		Weight *	167 g
		Certificates	
		Head SAR (EU)	0.869 W/kg
		Body SAR (EU)	1.35 W/kg
		Packaging content	
		Cables included	USB Type-C
		SIM card ejector pin	✓

Other features	
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
Repairability index	8.5
Technical details	
Security update term	31 January 2031



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