

Samsung Galaxy S26 SM-S942B/DS 16 cm (6.3") Dual SIM Android 16.0 5G USB Type-C 12 GB 256 GB 4300 mAh Pink gold

Brand : Samsung Product family: Galaxy Product code: SM-S942BZDGEUE

Product name : SM-S942B/DS

Samsung Galaxy S26 SM-S942B/DS. Display diagonal: 16 cm (6.3"), Display resolution: 2340 x 1080 pixels. Processor frequency: 3.26 GHz, Processor family: Samsung Exynos, Processor model: 2600. RAM capacity: 12 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 50 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 16.0. Battery capacity: 4300 mAh. Product colour: Pink gold. Weight: 167 g



Display		Network	
Display diagonal *	16 cm (6.3")	3G bands supported	2100,900,1900,850,1700 MHz
Screen shape	Flat	4G bands supported	2100,700,800,1900,850,1800,1500,2300,2600,900,1700,2500 MHz
Display technology marketing name	Dynamic AMOLED 2X	5G bands supported	2100,700,1900,800,850,1800,2600,900,1700,2300,2500,3700,3500,1500 MHz
Display glass type	Gorilla Glass	Wi-Fi Direct	✓
Gorilla Glass version	Gorilla Glass Victus 2	MIMO	✓
Display resolution *	2340 x 1080 pixels	Modulation	4096-QAM
Display number of colours	16 million colours	Near Field Communication (NFC)	✓
Maximum refresh rate	120 Hz	Ports & interfaces	
Display brightness	1500 cd/m²	USB connector type	USB Type-C
Maximum display brightness (HDR)	2600 cd/m²	USB version	3.2 Gen 1 (3.1 Gen 1)
Pixel density	411 ppi	Headphone connectivity	USB Type-C
Brand specific technologies	Always-on display	Mobile High-Definition Link (MHL)	✗
Rounded display corners	✓	Messaging	
Processor		Short Message Service (SMS)	✓
Processor family *	Samsung Exynos	E-mail	✓
Processor model *	2600	Navigation	
Processor architecture	ARM C1-Ultra+C1-Pro	GPS (satellite)	✓
Processor cores	10	GLONASS	✓
Processor frequency *	3.26 GHz	BeiDou	✓
Processor boost frequency	3.8 GHz	Galileo	✓
Storage		Quasi-Zenith Satellite System (QZSS)	✓
User memory	220.1 GB	Position location *	✓
RAM capacity *	12 GB	Design	
Internal storage capacity *	256 GB	Form factor *	Bar
Compatible memory cards *	Not supported	Product colour *	Pink gold
Camera		Performance	
Rear camera sensor size	1/1.56"	Fast charging	✓
Second rear camera sensor size	1/2.55"	Wireless charging	✓
Third rear camera sensor size	1/3.94"	Fingerprint reader	✓
Rear camera resolution (numeric) *	50 MP	Face recognition	✓
Second rear camera resolution (numeric)	10 MP	Hearing aid compatibility	✓
Third rear camera resolution (numeric)	12 MP	Multimedia	
Fourth rear camera resolution (numeric)	50 MP	Speakers	stereo
Rear camera aperture number	1.8	Audio system	Dolby Atmos

Camera		Multimedia	
Second rear camera aperture number	2.4	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 aperture number	2.2		
Rear camera pixel size	1 µm	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Second rear camera pixel size	1.4 µm		
Third rear camera pixel size	1 µm	Software	
Rear camera field of view (FOV) angle	85°	Platform *	Android
Second rear camera field of view (FOV) angle	120°	Operating system installed *	Android 16.0
Third rear camera field of view (FOV) angle	36°	User interface (UI)	One UI 8.5
Optical zoom	3x	App distribution platform	Google Play
Digital zoom	30x	Google applications	YouTube, Google Drive, Google Maps, Google Chrome, Google Meet, Gmail, Google Search, Google Photos, Google Play
Front camera type *	Single camera		
Front camera sensor size	1/3.2"	Virtual assistant	Samsung Bixby
Front camera resolution (numeric) *	12 MP	Battery	
Front camera aperture number	2.2	Removable battery	✗
Front camera pixel size	1.12 µm	Battery endurance in cycles *	1200
Front camera field of view (FOV) angle	85°	Battery capacity *	4300 mAh
Rear camera flash *	✓	Continuous video playback time (max)	30 h
Flash type	LED	Sensors	
Video capture resolution (max)	7680 x 4320 pixels	Proximity sensor	✓
Maximum frame rate	30 fps	Accelerometer	✓
Resolution at capture speed	7680x4320@30fps, 3840x2160@60fps, 3840x2160@30fps, 1920x1080@30fps, 1920x1080@60fps, 1280x720@30fps	Ambient light sensor	✓
		Gyroscope	✓
		Barometer	✓
		Geomagnetic sensor	✓
		Hall sensor	✓
Video recording modes	4320p, 2160p, 1080p, 720p	Power	
Rear camera type *	Triple camera	USB Type-C charging port *	✓
Auto focus	✓	USB Power Delivery (USB PD)	✓
Image stabilizer	✓	USB Type-C required charging power (min) *	10 W
Image stabilizer type	Optical Image Stabilization (OIS)	USB Type-C required charging power (max) *	25 W
Panorama	✓	Endurance	
Portrait mode	✓	Energy efficiency class *	A
Slow motion mode	✓	Energy efficiency scale	A to G
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD	Battery endurance per cycle *	3060 min
AI scene recognition	✓	Repeated free fall reliability class *	A
Network		Repairability class *	C
SIM card capability *	Dual SIM	International Protection (IP) code *	IP68
Mobile network generation *	5G	Weight & dimensions	
SIM card type *	NanoSIM + eSIM	Width	71.7 mm
2G standards	GSM	Depth	7.2 mm
3G standards *	WCDMA	Height	149.6 mm
4G standard *	LTE-TDD & LTE-FDD	Weight *	167 g
5G standard *	Sub6 SDL, Sub6 TDD	Packaging content	
Top Wi-Fi standard *	Wi-Fi 7 (802.11be)	AC adapter included *	✗
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), Wi-Fi 7 (802.11be)	Cables included	USB Type-C
		SIM card ejector pin	✓
Bluetooth *	✓		
Bluetooth version	5.4		
2G bands (primary SIM)	850,1900,1800,900 MHz		
Frequency band	Tri-band		

Other features	
Compatibility	Galaxy Ring, Galaxy Buds Core, Galaxy Buds4 Pro, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds4, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds3 FE, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Watch FE, Galaxy Watch Ultra, Galaxy Watch8, Galaxy Watch7, Galaxy Watch6, Galaxy Watch5, Galaxy Watch4, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active
Technical details	
Security update term	28 February 2033



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