SAMSUNG

Samsung Galaxy S25 FE



Brand : Samsung

Product family: Galaxy

Product code: SM-S731BZKGEUB

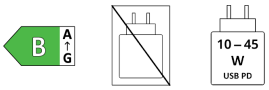
Product name : Galaxy S25 FE

- Slimmer and lighter design
- Battery power worth doing more
- Flagship level processor

SM-S731BZKGEUB

Samsung Galaxy S25 FE . Display diagonal: 17 cm (6.7"), Display resolution: 1080 x 2340 pixels. Processor frequency: 2.9 GHz, Processor family: Samsung Exynos, Processor model: 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. Operating system installed: Android 16.0. Battery capacity: 4900 mAh. Product colour: Black. Weight: 190 g





Display	
Display diagonal *	17 cm (6.7")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Display glass type	Corning Glass
Gorilla Glass version	Gorilla Glass Victus+
Display resolution *	1080 x 2340 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz

Processor	
Processor family *	Samsung Exynos
Processor model *	2400
Processor cores	10
Processor frequency *	2.9 GHz
Processor boost frequency	3.2 GHz

Storage	
User memory	232.2 GB
RAM capacity *	8 GB
Internal storage capacity *	256 GB

Camera	
Rear camera resolution (numeric) *	50 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	8 MP

Messaging	
Short Message Service (SMS)	✔
E-mail	✔

Navigation	
GPS (satellite)	✔
NavIC	✔
GLONASS	✔
BeiDou	✔
Galileo	✔
Quasi-Zenith Satellite System (QZSS)	✔
Position location *	✔

Design	
Form factor *	Bar
Product colour *	Black
Colour name	JetBlack
Protection features	Dust resistant, Water resistant
Housing material	Aluminium

Performance	
Fingerprint reader	✔
Hearing aid compatibility	✔

Multimedia

Camera

Fourth rear camera resolution (numeric)	50 MP
Rear camera aperture number	1.8
Second rear camera aperture number	2.2
Third rear camera aperture number	2.4
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
Video recording modes	4320p
Rear camera type *	Triple camera
Auto focus	✔
Image stabilizer	✔
Image stabilizer type	Optical Image Stabilization (OIS)
Slow motion mode	✔
Slow motion rate	240fps @FHD, 120fps @FHD, 120fps @UHD

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM + eSIM
2G standards	GSM
3G standards *	WCDMA
4G standard *	LTE-TDD & LTE-FDD
5G standard *	Sub6 SDL, Sub6 TDD
Top Wi-Fi standard *	Wi-Fi 6 (802.11ax)
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	5.4
2G bands (primary SIM)	850,1900,1800,900 MHz
Frequency band	Tri-band
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

USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C
Mobile High-Definition Link (MHL)	✘

Multimedia

Speakers	stereo
Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM

Software

Platform *	Android
Operating system installed *	Android 16.0

Battery

Removable battery	✘
Battery endurance in cycles *	2000
Battery capacity *	4900 mAh
Continuous video playback time (max)	28 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) *	45 W

Endurance

Energy efficiency class *	B
Energy efficiency scale	A to G
Battery endurance per cycle *	2557 min
Repeated free fall reliability class *	A
Repairability class *	C
International Protection (IP) code *	IP68

Weight & dimensions

Width	76.6 mm
Depth	7.4 mm
Height	161.3 mm
Weight *	190 g

Packaging content

AC adapter included *	✘
Cables included	USB Type-C
SIM card ejector pin	✔

Specific absorption rate (SAR)

Head SAR (EU)	0.544 W/kg
Body SAR (EU)	1.575 W/kg

Other features	
Compatibility	Galaxy Ring, Galaxy Buds Core, Galaxy Buds3 Pro, Galaxy Buds2 Pro, Galaxy Buds Pro, Galaxy Buds Live, Galaxy Buds+, Galaxy Buds3, Galaxy Buds2, Galaxy Buds, Galaxy Buds3 FE, Galaxy Buds FE, Galaxy Fit3, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, 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	30 September 2032



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