

Samsung Galaxy S21 FE 5G - 5G smartphone - dual-SIM - RAM 6 GB / Internal Memory 128 GB - OLED display - 6.4" - 2340 x 1080 pixels (120 Hz) - 3x rear cameras 12 MP, 12 MP, 8 MP - front camera 32 MP - graphite



Not in stock

SKU	SM-G990BZAFEUB
Product Description:	Samsung Galaxy S21 FE 5G - graphite - 5G smartphone - 128 GB - GSM
Product Type:	5G smartphone
Manufacturer Model Number:	SM-G990B2/DS
Display:	OLED display - 2340 x 1080 pixels - 6.4" - 401 ppi - (120 Hz) - Infinity-O Dynamic AMOLED 2X - HDR - Corning Gorilla Glass Victus (scratch resistant glass)
Processor:	2.84 GHz (8-core)
Memory:	RAM 6 GB / 128 GB
Main Camera:	12 Megapixel - wide-angle lens - 3x optical zoom - f/1.8 - focus: automatic laser auto focus: - laser focus

General

Product Type:	Smartphone
Manufacturer Model Number:	SM-G990B2/DS
Form Factor:	Touch
Protection:	Dustproof, splashproof, water-resistant
Width:	74.5 mm
Depth:	7.9 mm
Height:	155.7 mm
Weight:	177 g
Body Colour:	Graphite
SAR Value:	1.48 W/kg (body), 0.952 W/kg (head), 3.11 W/kg (limb)

Cellular

Technology:	WCDMA (UMTS) / GSM
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Environmental Parameters

Max Depth of Water Resistance:	1.5 m
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Manufacturer Warranty

Service & Support:	Limited warranty - 2 years
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Miscellaneous

Compliant Standards:	IP68, HAC (Hearing Aid Compatible)
Included Accessories:	SIM card removal tool, USB-C cable

Battery

Capacity:	4500 mAh
Fast Charging Technology:	Qualcomm Quick Charge 2.0, Adaptive Fast Charging, Power Delivery 3.0
Wireless Charging:	Yes

Cellular

Mobile Broadband Generation:	5G
Service Provider:	Not specified
Intelligent Assistant:	Bixby
Navigation:	GPS, GLONASS, BeiDou, Galileo, QZSS
SIM Card Type:	Nano SIM
SIM Card Qty:	Dual-SIM
Payment Technology:	Samsung Pay
Input Device:	Multi-touch

Communications

Data Transmission:	FDD-LTE, TDD-LTE, 5G NR FR1
2G Band:	850 GSM, 900 GSM, 1800 GSM, 1900 GSM
3G UMTS Band:	Band 1, Band 2, Band 4, Band 5, Band 8
3G UMTS Frequency:	2100, 1900, 1700, 850, 900
4G LTE Band:	Band 1, Band 2, Band 3, Band 4, Band 5, Band 7, Band 8, Band 12, Band 17, Band 20, Band 26, Band 28, Band 32, Band 38, Band 40, Band 41, Band 66
4G LTE Frequency:	FDD 2100, FDD 1900 PCS, FDD 1800+, FDD 1700 - 2110 AWS, FDD 850, FDD 2600, FDD 900, FDD 700a, FDD 700b, FDD 800 DD, FDD 850+, FDD 700 APT, FDD 1500 L, TDD 2600, TDD 2300, TDD 2500, FDD 1700 - 2110 AWS-3
5G NR Band:	N1, n3, n5, n7, n8, n20, n28, n38, n41, n66, n78, n40
5G NR Frequency:	FDD 2100, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 800, FDD 700APT, TDD TD 2600, TDD TD 2500, FDD AWS-3, TDD TD 3500, TDD 2300
Wireless Interface:	NFC, Bluetooth 5.0, IEEE 802.11a/b/g/n/ac/ax

Phone Features

Battery

Wireless Charging Standards:	Fast Wireless Charging 2.0, Wireless PowerShare
Talk Time:	2220 minutes
Run Time Details:	Talk (LTE): up to 2220 min Active online usage (LTE): up to 13 hrs Active online usage (Wi-Fi): up to 13 hrs Playback (video): up to 16 hrs Playback (audio): up to 79 hrs

Connections

Connector Type:	USB Type-C - 24 pin USB-C
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Display

Type:	OLED display
Technology:	Infinity-O Dynamic AMOLED 2X
Diagonal Size:	6.4"
Display Resolution:	2340 x 1080 pixels
Display Format:	Full HD+
Pixel Density:	401 ppi
Colour Depth:	16.7 million colours
HDR:	Yes
HDR Technology:	HDR10+
Enhancement Technology:	Eye Comfort Shield
Refresh Rate:	120 Hz
Protection:	Corning Gorilla Glass Victus (scratch resistant glass)
Features:	AOD(Always On Display), Infinity O display, Video Wallpaper

Third Camera

Sensor Resolution:	8 Megapixel
Lens Type:	Telephoto lens
Lens Aperture:	F/2.4
Field of View (FoV):	32 degree(s)
Pixel Size:	1 µm

Phone Features

Sensors: Accelerometer, ambient light sensor, proximity sensor, barometer, gyro sensor, hall sensor, geomagnetic sensor

Security Devices: Fingerprint reader (under display), face recognition

Additional Features: Air View, Audio zoom function, MIMO technology, Screen Write, Smart Select, Fast Charging, Samsung KNOX, Smart View, Live message, Screen off memo, Samsung DeX support, Bixby Vision, TalkBack, Dual Audio, Bixby Routines, Intelligent Performance Enhancer, Samsung Smart Switch, Game mode, Bixby key, Bluetooth Scalable Codec, Samsung Knox Vault, Air Command

Media Player

Supported Digital Audio Standards: WAV, AAC, PCM, AMR, MP3, FLAC, XMF, OGG, MIDI, APE (Monkey's Audio), M4A, DSF, MXMF, OGA, 3GA, AWB, IMY, RTTTL, RTX, OTA, DFF, MID, DSD64, DSD128

Supported Digital Video Standards: MKV, FLV, AVI, 3GP, M4V, WebM, 3G2, MP4

Sound Enhancements: Dolby Digital Plus sound, Dolby Atmos sound technology, Surround sound, stereo speakers tuned by AKG, Dolby Digital sound

Processor

Clock Speed: 2.84 GHz
Processor Core Qty: 8-core

Memory

RAM: LPDDR5 SDRAM - 6 GB
Internal Memory Capacity: 128 GB
User Memory: 99 GB

Front Camera

Sensor Resolution: 32 Megapixel
Lens Aperture: F/2.2

Second Camera

Sensor Resolution: 12 Megapixel
Lens Type: Ultra wide-angle lens
Lens Aperture: F/2.2
Field of View (FoV): 123 degree(s)
Pixel Size: 1.12 µm

Main Camera

Sensor Resolution: 12 Megapixel
Sensor Size: 1/1.76"
Optical Image Stabiliser: Optical Image Stabiliser (OIS)

Lens Type: Wide-angle lens

Lens Aperture: F/1.8

Field of View (FoV): 79 degree(s)

Pixel Size: 1.8 µm

Focus Adjustment: Automatic

Laser Auto Focus: Yes

Optical Zoom: 3x

Digital Zoom: 30x

Self-Timer Delay: Yes

Special Effects: Face retouch, Grid Line

Camera Modes: Panorama, Slow motion mode, Pro mode, HYPERLAPSE, Super Slow-mo, Flowers, Greenery, Trees, Sky, Beaches, Watersides, Snow, Backlit, Text, Food, Face, Baby, Person, Dog, Cat, People, Sunset, Sunrise, City, Waterfall, Scenery, Stage, Vehicles, Drinks, Animal, Shoes, Indoor, Clothes, Night view, Portrait, Night, Motion Photo, Mountain, Pro Video, Portrait video, Director's View

HDR Mode: Auto HDR mode

Front Camera

Focus Adjustment:	Focus free
Field of View (FoV):	81 degree(s)
Pixel Size:	0.8 µm
Camera Modes:	Portrait mode, Single Take, Video Portrait Mode

Main Camera

Light Source:	High CRI LED flash
Video Resolutions:	1920 x 1080 (1080p) at 60 fps, 1280 x 720 (720p) at 30 fps, 3840 x 2160 (4K) at 60 fps, Super slow motion video 1280 x 720 (720p) at 960 fps, Slo-mo video 1920 x 1080 (1080p) at 240 fps, Hyperlapse 4K video support at 30 fps, Super Steady 1080p video support at 30 fps, 7680 x 4320 (8K UHD) at 24 fps, 7680 x 4320 (8K UHD) at 60 fps
Features:	Playback zoom, Dual Pixel technology, Motion photo, QR-code scanner, VDIS (Video Digital Image Stabilisation), Tracking AF, Video location tags, dual recording, Scene Optimiser, Lens smudge, Flaw detection, Shot suggestions, blur detection, HDR10+ recording, Super steady, Super Speed Dual Pixel AF, Quick Measure, Zoom-In Mic, HEIF image capture, Space Zoom, Take 33MP still photos while playing 8K video, Super Resolution Zoom up to 30x, Digital zoom up to 12x for video, AR Doodle, HEVC (High Efficiency Video coding) support, Microphone Control (Pro Video only)

