

Samsung Galaxy S20 FE 5G - 5G smartphone - dual-SIM - RAM 6 GB / Internal Memory 128 GB - microSD slot - OLED display - 6.5" - 2400 x 1080 pixels (120 Hz) - 3x rear cameras 12 MP, 12 MP, 8 MP - front camera 32 MP - cloud navy



Not in stock

SKU	SM-G781BZBDEUB
Product Description:	Samsung Galaxy S20 FE 5G - cloud navy - 5G smartphone - 128 GB - GSM
Product Type:	5G smartphone
Manufacturer Model Number:	SM-G781B/DS
Display:	OLED display - 2400 x 1080 pixels - 6.5" - 407 ppi - (120 Hz) - Infinity-O Super AMOLED
Processor:	Qualcomm Snapdragon 865 5G 2.8 GHz (8-core) - 64-bit
Memory:	RAM 6 GB / 128 GB
Supported Memory Card:	microSDXC slot - up to 1 TB

General

Product Type:	Smartphone
Manufacturer Model Number:	SM-G781B/DS
Form Factor:	Touch
Protection:	Dustproof, splashproof, water-resistant
Width:	74.5 mm
Depth:	8.4 mm
Height:	159.8 mm
Weight:	190 g
Body Colour:	Cloud navy
SAR Value:	0.503 W/kg (head), 3.11 W/kg (limb), 1.355 W/kg (body)
SAR Category (Belgium):	B

Cellular

Technology:	WCDMA (UMTS) / GSM
Mobile Broadband Generation:	5G

Manufacturer Warranty

Service & Support:	Limited warranty - 2 years
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Miscellaneous

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

Battery

Capacity:	4500 mAh
Fast Charging Technology:	Qualcomm Quick Charge 2.0, Adaptive Fast Charging, Samsung Super Fast Charging
Wireless Charging:	Yes
Wireless Charging Standards:	WPC, Qi, Fast Wireless Charging 2.0, Wireless PowerShare
Talk Time:	1920 minutes

Cellular

Service Provider:	Not specified
Operating System:	Android 10
User Interface:	One UI 2
Intelligent Assistant:	Bixby
Navigation:	GPS, GLONASS, BeiDou, Galileo
SIM Card Type:	Nano SIM
SIM Card Qty:	Dual-SIM
SIM Card Configuration Details:	Nano SIM + nano SIM/microSD
Payment Technology:	Samsung Pay
Input Device:	Multi-touch

Messaging & Internet

Messaging Services:	MMS
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Communications

Data Transmission:	GPRS, EDGE, HSDPA, HSUPA, HSPA+, FDD-LTE, TDD-LTE, LTE-U, 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 13, 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 700c, 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, n28, n41, n78, n40
5G NR Frequency:	FDD 2100, FDD 1800, FDD 850, FDD 2600, FDD 900, FDD 700APT, TDD TD 2500, TDD TD 3500, TDD 2300
Wireless Interface:	NFC, IEEE 802.11a/b/g/n/ac, Bluetooth 5.0, IEEE 802.11a/b/g/n/ac/ax

Battery

Run Time Details:	Talk (LTE): up to 1920 min Active online usage (LTE): up to 15 hrs Active online usage (Wi-Fi): up to 14 hrs Playback (wireless video): up to 19 hrs Playback (wireless audio): up to 81 hrs
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Connections

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

Type:	OLED display
Technology:	Infinity-O Super AMOLED
Diagonal Size:	6.5"
Display Resolution:	2400 x 1080 pixels
Display Format:	Full HD+
Pixel Density:	407 ppi
Colour Depth:	16.7 million colours
Refresh Rate:	120 Hz
Features:	AOD(Always On Display)

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

Second Camera

Sensor Resolution:	12 Megapixel
Sensor Size:	1/1.76"
Lens Type:	Wide-angle lens
Lens Aperture:	F/1.8
Field of View (FoV):	79 degree(s)
Pixel Size:	1.8 µm

Phone Features

Phone Functions: Speakerphone, voice control, call timer, conference call, flight mode, voice dialing, vibrating alert

Sensors: Accelerometer, gyro sensor, hall sensor, RGB sensor, geomagnetic sensor

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

Additional Features: MU-MIMO technology, Fast Charging, Samsung KNOX, High AOP Mic, Smart View, Samsung DeX support, Bixby Vision, Secure Folder function, Dual Audio, Bixby Routines, Intelligent Performance Enhancer, Virtual Proximity Sensing

Media Player

Supported Digital Audio Standards: WAV, WMA, 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, WMV, ASF, 3GP, M4V, WebM, 3G2, MP4

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

Processor

Type: Qualcomm Snapdragon 865 5G

Clock Speed: 2.8 GHz

Processor Core Qty: 8-core

64-bit Architecture: Yes

Memory

RAM: LPDDR5 SDRAM - 6 GB

Internal Memory Capacity: 128 GB

User Memory: 102.9 GB

Supported Flash Memory Cards: microSDHC, microSDXC - up to 1 TB

Second Camera

Features: OIS (Optical Image Stabilisation), Super Speed Dual Pixel AF

Main Camera

Sensor Resolution: 12 Megapixel

Optical Image Stabiliser: Optical Image Stabiliser (OIS)

Lens Type: Ultra wide-angle lens

Lens Aperture: F/2.2

Field of View (FoV): 123 degree(s)

Pixel Size: 1.12 µm

Focus Adjustment: Automatic, manual

Optical Zoom: 3x

Digital Zoom: 30x

Self-Timer Delay: Yes

Special Effects: HDR, Grid Line, Motion photos

Camera Modes: Panorama, Slow motion mode, Pro mode, HYPERLAPSE, Live Focus mode, Super Slow-mo, Flowers, Greenery, Trees, Sky, Mountains, 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, Live focus video, MASK mode

White Balance: Custom, automatic

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, 7680 x 4320 (8K) at 24 fps

Front Camera

Sensor Resolution:	32 Megapixel
Lens Aperture:	F/2.2
Focus Adjustment:	Focus free
Field of View (FoV):	81 degree(s)
Pixel Size:	0.8 µm

Main Camera

Features:	Quick Launch, Playback zoom, blink detection, VDIS (Video Digital Image Stabilisation), Tracking AF, Video location tags, location tags, Hyperlapse video support 1080p, Scene Optimiser, Full view, Flaw detection, Shot suggestions, AR Emoji, blur detection, Floating shutter button, Super steady, Quick Measure, Space Zoom, Take 33MP still photos while playing 8K video, AI stabilisation technology
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