SAMSUNG

Samsung Galaxy S21 FE 5G SM-G990B 16.3 cm (6.4") Dual SIM Android 12 USB Type-C 8 GB 256 GB 4500 mAh Olive

Brand : Samsung

Product family: Galaxy

Product code: SM-G990BLGWEUA

Product name : SM-G990B

- Our smoothest scrolling screen with Super Smooth 120 Hz
- 32MP front camera with Night mode captures your best selfie even at night
- Our fastest chip now on S21 FE

6.4" FHD+ Dynamic AMOLED 2X, Qualcomm SM8350 (One Core 2.84 GHz + Triple Core 2.4 GHz + Quad Core 1.8 GHz), IP68, 802.11 ax, Bluetooth 5.0, USB Type-C, 4500 mAh, Android 11
Samsung Galaxy S21 FE 5G SM-G990B. Display diagonal: 16.3 cm (6.4"), Display resolution: 2340 x 1080 pixels. RAM capacity: 8 GB, Internal storage capacity: 256 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. SIM card capability: Dual SIM. Operating system installed: Android 12. Battery capacity: 4500 mAh. Product colour: Olive. Weight: 177 g

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Display

Display diagonal *	16.3 cm (6.4")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	OLED
Display glass type	Gorilla Glass
Gorilla Glass version	Gorilla Glass Victus
Display resolution *	2340 x 1080 pixels
Display number of colours	16 million colours
Maximum refresh rate	120 Hz
Touchscreen type	Capacitive
Pixel density	401 ppi
Rounded display corners	✔

Processor

Processor cores	8

Storage

RAM capacity *	8 GB
Internal storage capacity *	256 GB
Compatible memory cards *	Not supported

Camera

Rear camera resolution (numeric) *	12 MP
Second rear camera resolution (numeric)	12 MP
Third rear camera resolution (numeric)	8 MP
Rear camera resolution	3000 x 4000 pixels
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

Subscription

Subscription type *	No subscription

Ports & interfaces

USB port *	✔
USB connector type	USB Type-C
USB version	3.2 Gen 1 (3.1 Gen 1)
Headphone connectivity	USB Type-C

Messaging

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

Design

Form factor *	Bar
Product colour *	Olive
International Protection (IP) code	IP68
Protection features	Water resistant

Performance

Video call	✔
Fast charging	✔
Wireless charging	✔
Fingerprint reader	✔
Face recognition	✔
Speakerphone	✔
Voice commands	✔
Vibrating alert	✔

Navigation

GPS (satellite)	✔
GLONASS	✔
BeiDou	✔
Galileo	✔

Camera

Front camera resolution (numeric) *	32 MP
Front camera aperture number	2.2
Rear camera flash *	✓
Flash type	LED
Video capture resolution (max)	3840 x 2160 pixels
Maximum frame rate	60 fps
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps
Video recording modes	720p, 1080p, 2160p
Rear camera type *	Triple camera
Auto focus	✓
Image stabilizer	✓
Image stabilizer type	Optical Image Stabilization (OIS)
Geotagging	✓
Self-timer	✓
Night mode	✓
Panorama	✓

Network

SIM card capability *	Dual SIM
Mobile network generation *	5G
SIM card type *	NanoSIM
3G standards *	HSDPA, HSPA+, HSUPA, UMTS
4G standard *	LTE
5G standard *	Sub6 TDD, Sub6 FDD
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)
Bluetooth *	✓
Bluetooth version	5.0
3G bands supported	850,900,1900,2100 MHz
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz
5G bands supported	700,800,850,900,1800,2100,2300,2500,2600,3500 MHz
Wi-Fi Direct	✓
MIMO	✓
Modulation	1024-QAM
Near Field Communication (NFC)	✓

Navigation

Quasi-Zenith Satellite System (QZSS)	✓
Position location *	✓

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 12
App distribution platform	Google Play
Virtual assistant	Samsung Bixby

Battery

Removable battery	✗
Battery capacity *	4500 mAh
Talk time (4G)	33 h
Browsing time (Wi-Fi)	15 h
Browsing time (4G)	14 h
Wireless audio playback time	79 h
Wireless video playback time	16 h

Sensors

Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓
Barometer	✓
Distance sensor	✓
Magnetic sensor	✓
Pedometer	✓

Weight & dimensions

Width	74.5 mm
Depth	7.9 mm
Height	155.7 mm
Weight *	177 g

Certificates

Head SAR (EU)	0.952 W/kg
Body SAR (EU)	1.48 W/kg

Packaging content

Quick start guide	✓
Cables included	USB Type-C
SIM card ejector pin	✓

Technical details

Repairability index	8.2

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