SAMSUNG

Samsung Galaxy S21 FE 5G SM-G990B 16.3 cm (6.4") Android 11 USB Type-C 6 GB 128 GB 4500 mAh Olive

Brand : Samsung

Product family: Galaxy

Product code: SM-G990BLGDEUA

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. Processor frequency: 1.8 GHz, Processor family: Qualcomm Snapdragon, Processor model: 888. RAM capacity: 6 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. Operating system installed: Android 11. Battery capacity: 4500 mAh. Product colour: Olive. Weight: 177 g

8,2 /10

Display

Display diagonal *	16.3 cm (6.4")
Screen shape	Flat
Display technology marketing name	Dynamic AMOLED 2X
Panel type	OLED
Display resolution *	2340 x 1080 pixels
Maximum refresh rate	120 Hz
Touchscreen type	Capacitive
Pixel density	401 ppi
Rounded display corners	✓

Processor

Processor family *	Qualcomm Snapdragon
Processor model *	888
Processor cores	8
Processor boost frequency	2.84 GHz
Processor frequency *	1.8 GHz

Storage

RAM capacity *	6 GB
Internal storage capacity *	128 GB

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
Front camera resolution (numeric) *	32 MP
Front camera aperture number	2.2
Rear camera flash *	✓

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

Multimedia Messaging Service (MMS)	✓
E-mail	✓

Design

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

Performance

Fast charging	✓
Wireless charging	✓
Fingerprint reader	✓
Face recognition	✓
Speakerphone	✓
Voice commands	✓
Vibrating alert	✓

Navigation

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

Camera

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
Geotagging	✓
Self-timer	✓
Night mode	✓
Panorama	✓

Network

Mobile network generation *	5G
SIM card type *	NanoSIM
3G standards *	HSDPA, HSPA+, HSUPA, UMTS
4G standard *	LTE
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
Near Field Communication (NFC)	✓

Multimedia

Audio formats supported	3GA, AAC, 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 11
App distribution platform	Google Play
Virtual assistant	Samsung Bixby

Battery

Battery capacity *	4500 mAh

Sensors

Proximity sensor	✓
Accelerometer	✓
Ambient light sensor	✓
Gyroscope	✓

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	✓

Other features

Touchscreen	✓

Technical details

Repairability index	8.2

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