

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

Display		Subscription	
Display diagonal *	16.3 cm (6.4")	Subscription type *	No subscription
Screen shape	Flat	Ports & interfaces	
Display technology marketing name	Dynamic AMOLED 2X	USB port *	✓
Panel type	OLED	USB connector type	USB Type-C
Display resolution *	2340 x 1080 pixels	USB version	3.2 Gen 1 (3.1 Gen 1)
Maximum refresh rate	120 Hz	Headphone connectivity	USB Type-C
Touchscreen type	Capacitive	Messaging	
Pixel density	401 ppi	Multimedia Messaging Service (MMS)	✓
Rounded display corners	✓	E-mail	✓
Processor		Design	
Processor family *	Qualcomm Snapdragon	Form factor *	Bar
Processor model *	888	Product colour *	Olive
Processor cores	8	International Protection (IP) code	IP68
Processor boost frequency	2.84 GHz	Performance	
Processor frequency *	1.8 GHz	Fast charging	✓
Storage		Wireless charging	✓
RAM capacity *	6 GB	Fingerprint reader	✓
Internal storage capacity *	128 GB	Face recognition	✓
Camera		Speakerphone	✓
Rear camera resolution (numeric) *	12 MP	Voice commands	✓
Second rear camera resolution (numeric)	12 MP	Vibrating alert	✓
Third rear camera resolution (numeric)	8 MP	Navigation	
Rear camera resolution	3000 x 4000 pixels	GPS (satellite)	✓
Rear camera aperture number	1.8	GLONASS	✓
Second rear camera aperture number	2.2	BeiDou	✓
Third rear camera aperture number	2.4	Galileo	✓
Optical zoom	3x	Quasi-Zenith Satellite System (QZSS)	✓
Digital zoom	30x	Position location *	✓
Front camera type *	Single camera		
Front camera resolution (numeric) *	32 MP		
Front camera aperture number	2.2		
Rear camera flash *	✓		

Camera		Multimedia	
Flash type	LED	Audio formats supported	3GA, AAC, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video capture resolution (max)	3840 x 2160 pixels		
Maximum frame rate	60 fps	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps		
Video recording modes	720p, 1080p, 2160p	Software	
Rear camera type *	Triple camera	Platform *	Android
Geotagging	✓	Operating system installed *	Android 11
Self-timer	✓	App distribution platform	Google Play
Night mode	✓	Virtual assistant	Samsung Bixby
Panorama	✓	Battery	
		Battery capacity *	4500 mAh
Network		Sensors	
Mobile network generation *	5G	Proximity sensor	✓
SIM card type *	NanoSIM	Accelerometer	✓
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Ambient light sensor	✓
4G standard *	LTE	Gyroscope	✓
Wi-Fi *	✓	Weight & dimensions	
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Width	74.5 mm
		Depth	7.9 mm
Bluetooth *	✓	Height	155.7 mm
Bluetooth version	5.0	Weight *	177 g
Near Field Communication (NFC)	✓	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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