

Samsung Galaxy S21 FE 5G SM-G990BZAFEUA smartphone 16.3 cm (6.4") Dual SIM Android 11 USB Type-C 6 GB 128 GB 4500 mAh Graphite

Brand : Samsung Product family: Galaxy Product code: SM-G990BZAFEUA

Product name : SM-G990BZAFEUA



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-G990BZAFEUA. 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. SIM card capability: Dual SIM. Operating system installed: Android 11. Battery capacity: 4500 mAh. Product colour: Graphite. Weight: 177 g



Display		Ports & interfaces	
Display diagonal *	16.3 cm (6.4")	USB port *	✓
Screen shape	Flat	USB connector type	USB Type-C
Display technology marketing name	Dynamic AMOLED 2X	USB version	3.2 Gen 1 (3.1 Gen 1)
Panel type	OLED	Headphone connectivity	USB Type-C
Display resolution *	2340 x 1080 pixels	Messaging	
Display number of colours	16 million colours	Short Message Service (SMS)	✓
Maximum refresh rate	120 Hz	Multimedia Messaging Service (MMS)	✓
Touchscreen type	Capacitive	E-mail	✓
Pixel density	401 ppi	Design	
Rounded display corners	✓	Form factor *	Bar
Processor		Product colour *	Graphite
Processor family *	Qualcomm Snapdragon	Colour name	Graphite
Processor model *	888	International Protection (IP) code	IP68
Processor cores	8	Performance	
Processor boost frequency	2.84 GHz	Video call	✓
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	Navigation	
Third rear camera resolution (numeric)	8 MP	GPS (satellite)	✓
Rear camera resolution	3000 x 4000 pixels	GLONASS	✓
Rear camera aperture number	1.8	BeiDou	✓
Second rear camera aperture number	2.2	Galileo	✓
Third rear camera aperture number	2.4	Quasi-Zenith Satellite System (QZSS)	✓
Optical zoom	3x	Position location *	✓
Digital zoom	30x		

Camera		Multimedia	
Front camera type *	Single camera	Audio formats supported	3GA, AAC, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Front camera resolution (numeric) *	32 MP		
Front camera aperture number	2.2		
Rear camera flash *	✓	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Flash type	LED		
Video capture resolution (max)	3840 x 2160 pixels	Software	
Maximum frame rate	60 fps		
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps		
	720p, 1080p, 2160p		
Video recording modes			
Rear camera type *	Triple camera	Platform *	Android
Self-timer	✓	Operating system installed *	Android 11
Night mode	✓	App distribution platform	Google Play
Panorama	✓	Google applications	Gmail, Google Chrome, Google Contacts, Google Drive, Google Maps, Google Photos, Google Play, Google Play Movies, YouTube
		Virtual assistant	Samsung Bixby
Network		Battery	
SIM card capability *	Dual SIM	Battery capacity *	4500 mAh
Mobile network generation *	5G	Talk time (4G)	37 h
SIM card type *	NanoSIM	Browsing time (Wi-Fi)	16 h
3G standards *	UMTS	Browsing time (4G)	14 h
4G standard *	LTE	Wireless audio playback time	79 h
Wi-Fi *	✓	Wireless video playback time	16 h
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Sensors	
		Proximity sensor	✓
Bluetooth *	✓	Accelerometer	✓
Bluetooth version	5.0	Ambient light sensor	✓
Wi-Fi Direct	✓	Gyroscope	✓
MIMO	✓	Weight & dimensions	
Near Field Communication (NFC)	✓	Width	74.5 mm
Subscription		Depth	7.9 mm
Subscription type *	No subscription	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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Publication date: 16-SEP-2024. Prints or copies of Information are only valid on the printed Publication date