

## Samsung Galaxy S21 FE 5G SM-G990E 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-G990EZAATS

Product name : SM-G990E

6.4" FHD+ Dynamic AMOLED 2X, Octa-Core 2.9 GHz Max, IP68, 802.11 ax, Bluetooth 5.0, USB Type-C, 4500 mAh, Android 11  
 Samsung Galaxy S21 FE 5G SM-G990E. Display diagonal: 16,3 cm (6.4"), Display resolution: 2340 x 1080 pixels. 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	<b>Messaging</b>	
Display number of colours	16 million colours	Multimedia Messaging Service (MMS)	✓
Maximum refresh rate	120 Hz	E-mail	✓
Touchscreen type	Capacitive	<b>Navigation</b>	
Pixel density	401 ppi	GPS (satellite)	✓
Rounded display corners	✓	GLONASS	✓
Processor		BeiDou	✓
Processor cores	8	Galileo	✓
Storage		Quasi-Zenith Satellite System (QZSS)	✓
RAM capacity *	6 GB	Position location *	✓
Internal storage capacity *	128 GB	<b>Design</b>	
Camera		Form factor *	Bar
Rear camera resolution (numeric) *	12 MP	Product colour *	Graphite
Second rear camera resolution (numeric)	12 MP	<b>Performance</b>	
Third rear camera resolution (numeric)	8 MP	Video call	✓
Rear camera resolution	3000 x 4000 pixels	Fast charging	✓
Rear camera aperture number	1,8	Wireless charging	✓
Second rear camera aperture number	2,2	Fingerprint reader	✓
Third rear camera aperture number	2,4	Face recognition	✓
Optical zoom	3x	Speakerphone	✓
Digital zoom	30x	Voice commands	✓
Front camera type *	Single camera	Vibrating alert	✓
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		

Camera		Multimedia	
Resolution at capture speed	1280x720@30fps, 1920x1080@30fps, 1920x1080@60fps, 3840x2160@30fps, 3840x2160@60fps	Audio formats supported	3GA, AAC, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
Video recording modes	720p, 1080p, 2160p	Video formats supported	3G2, 3GP, AVI, FLV, M4V, MKV, MP4, WEBM
Rear camera type *	Triple camera	<b>Software</b>	
Geotagging	✓	Platform *	Android
Self-timer	✓	Operating system installed *	Android 11
Night mode	✓	App distribution platform	Google Play
Panorama	✓	Virtual assistant	Samsung Bixby
Network		Battery	
SIM card capability *	Dual SIM	Battery capacity *	4500 mAh
Mobile network generation *	5G	Talk time (4G)	39 h
SIM card type *	NanoSIM	Browsing time (Wi-Fi)	14 h
3G standards *	HSDPA, HSPA+, HSUPA, 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)	<b>Sensors</b>	
Bluetooth *	✓	Proximity sensor	✓
Bluetooth version	5.0	Accelerometer	✓
3G bands supported	900,850,1900,2100 MHz	Ambient light sensor	✓
4G bands supported	700,1500,2500,800,2100,2600,850,1800,2300,900,1900 MHz	Gyroscope	✓
5G bands supported	700,900,2300,800,1800,2600,850,2100,3500 MHz	<b>Endurance</b>	
Wi-Fi Direct	✓	International Protection (IP) code *	IP68
Near Field Communication (NFC)	✓	<b>Weight &amp; dimensions</b>	
Subscription		Width	74,5 mm
Subscription type *	No subscription	Depth	7,9 mm
		Height	155,7 mm
		Weight *	177 g
		<b>Certificates</b>	
		Head SAR (EU)	0,93 W/kg
		Body SAR (EU)	1,319 W/kg
		<b>Packaging content</b>	
		Quick start guide	✓
		Cables included	USB Type-C
		SIM card ejector pin	✓
		<b>Other features</b>	
		Touchscreen	✓

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