

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 Graphite

Brand : Samsung Product family: Galaxy Product code: SM-G990BZAWEUA

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: Graphite. 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 glass type	Gorilla Glass	USB version	3.2 Gen 1 (3.1 Gen 1)
Gorilla Glass version	Gorilla Glass Victus	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 cores	8	International Protection (IP) code	IP68
Storage		Protection features	Water resistant
RAM capacity *	8 GB	Performance	
Internal storage capacity *	256 GB	Video call	✓
Compatible memory cards *	Not supported	Fast charging	✓
Camera		Wireless charging	✓
Rear camera resolution (numeric) *	12 MP	Fingerprint reader	✓
Second rear camera resolution (numeric)	12 MP	Face recognition	✓
Third rear camera resolution (numeric)	8 MP	Speakerphone	✓
Rear camera resolution	3000 x 4000 pixels	Voice commands	✓
Rear camera aperture number	1.8	Vibrating alert	✓
Second rear camera aperture number	2.2	Navigation	
Third rear camera aperture number	2.4	GPS (satellite)	✓
Optical zoom	3x	GLONASS	✓
Digital zoom	30x	BeiDou	✓
Front camera type *	Single camera	Galileo	✓

Camera		Navigation	
Front camera resolution (numeric) *	32 MP	Quasi-Zenith Satellite System (QZSS)	✓
Front camera aperture number	2.2	Position location *	✓
Rear camera flash *	✓	Multimedia	
Flash type	LED	Speakers	stereo
Video capture resolution (max)	3840 x 2160 pixels	Audio formats supported	3GA, AAC, AMR, APE, AWB, DFF, DSF, FLAC, IMY, M4A, Mid, MIDI, MP3, MXMF, OGA, OGG, OTA, RTTTL, RTX, WAV, XMF
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	Software	
Video recording modes	720p, 1080p, 2160p	Platform *	Android
Rear camera type *	Triple camera	Operating system installed *	Android 12
Auto focus	✓	App distribution platform	Google Play
Image stabilizer	✓	Virtual assistant	Samsung Bixby
Image stabilizer type	Optical Image Stabilization (OIS)	Battery	
Geotagging	✓	Removable battery	✗
Self-timer	✓	Battery capacity *	4500 mAh
Night mode	✓	Talk time (4G)	33 h
Panorama	✓	Browsing time (Wi-Fi)	15 h
Network		Browsing time (4G)	14 h
SIM card capability *	Dual SIM	Wireless audio playback time	79 h
Mobile network generation *	5G	Wireless video playback time	16 h
SIM card type *	NanoSIM	Sensors	
3G standards *	HSDPA, HSPA+, HSUPA, UMTS	Proximity sensor	✓
4G standard *	LTE	Accelerometer	✓
5G standard *	Sub6 TDD, Sub6 FDD	Ambient light sensor	✓
Wi-Fi *	✓	Gyroscope	✓
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Barometer	✓
Bluetooth *	✓	Distance sensor	✓
Bluetooth version	5.0	Magnetic sensor	✓
3G bands supported	850,900,1900,2100 MHz	Pedometer	✓
4G bands supported	700,800,850,900,1500,1800,1900,2100,2300,2500,2600 MHz	Weight & dimensions	
5G bands supported	700,800,850,900,1800,2100,2300,2500,2600,3500 MHz	Width	74.5 mm
Wi-Fi Direct	✓	Depth	7.9 mm
MIMO	✓	Height	155.7 mm
Modulation	1024-QAM	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	✓
		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