

Samsung Galaxy S21 FE 5G Specifications

NETWORK	<u>Technology</u>	<u>GSM / CDMA / HSPA / EVDO / LTE / 5G</u>
LAUNCH	<u>Announced</u>	2022, January 04
	<u>Status</u>	Available. Released 2022, January 07
BODY	<u>Dimensions</u>	155.7 x 74.5 x 7.9 mm (6.13 x 2.93 x 0.31 in)
	<u>Weight</u>	177 g (6.24 oz)
	<u>Build</u>	Glass front (Gorilla Glass Victus), plastic back, aluminum frame
	<u>SIM</u>	Single SIM (Nano-SIM) or Dual SIM (Nano-SIM, dual stand-by)
		IP68 dust/water resistant (up to 1.5m for 30 mins)
DISPLAY	<u>Type</u>	Dynamic AMOLED 2X, 120Hz, HDR10+
	<u>Size</u>	6.4 inches, 103.9 cm ² (~89.6% screen-to-body ratio)
	<u>Resolution</u>	1080 x 2400 pixels, 20:9 ratio (~401 ppi density)
	<u>Protection</u>	Corning Gorilla Glass Victus
		Always-on display
PLATFORM	<u>OS</u>	Android 12, One UI 4
	<u>Chipset</u>	Qualcomm SM8350 Snapdragon 888 5G (5 nm) - Version 1 Exynos 2100 (5 nm) - Version 2
	<u>CPU</u>	Octa-core (1x2.84 GHz Kryo 680 & 3x2.42 GHz Kryo 680 & 4x1.80 GHz Kryo 680) - Version 1 Octa-core (1x2.9 GHz Cortex-X1 & 3x2.80 GHz Cortex-A78 & 4x2.2 GHz Cortex-A55) - Version 2
	<u>GPU</u>	Adreno 660 - Version 1 Mali-G78 MP14 - Version 2
MEMORY	<u>Card slot</u>	No
	<u>Internal</u>	128GB 6GB RAM, 128GB 8GB RAM, 256GB 8GB RAM
MAIN CAMERA	<u>Triple</u>	12 MP, f/1.8, 26mm (wide), 1/1.76", 1.8µm, Dual Pixel PDAF, OIS 8 MP, f/2.4, 76mm (telephoto), 1/4.5", 1.0µm, PDAF, OIS, 3x optical zoom 12 MP, f/2.2, 13mm, 123° (ultrawide), 1/3.0", 1.12µm
	<u>Features</u>	LED flash, auto-HDR, panorama
	<u>Video</u>	4K@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, gyro-EIS
SELFIE CAMERA	<u>Single</u>	32 MP, f/2.2, 26mm (wide), 1/2.74", 0.8µm
	<u>Features</u>	HDR
	<u>Video</u>	4K@30/60fps, 1080p@30/60fps, gyro-EIS
SOUND	<u>Loudspeaker</u>	Yes, with stereo speakers
	<u>3.5mm jack</u>	No
		32-bit/384kHz audio
COMMS	<u>WLAN</u>	Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, Wi-Fi Direct, hotspot
	<u>Bluetooth</u>	5.0, A2DP, LE
	<u>GPS</u>	Yes, with A-GPS, GLONASS, BDS, GALILEO
	<u>NFC</u>	Yes
	<u>Radio</u>	Unspecified
	<u>USB</u>	USB Type-C, USB On-The-Go
FEATURES	<u>Sensors</u>	Fingerprint (under display, optical), accelerometer, gyro, proximity, compass Bixby natural language commands and dictation Samsung Pay (Visa, MasterCard certified)

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BATTERY	<u>Type</u>	Li-Ion 4500 mAh, non-removable
	<u>Charging</u>	Fast charging 25W, 50% in 30 min (advertised) Fast wireless charging 15W Reverse wireless charging USB Power Delivery 3.0
MISC	<u>Colors</u>	White, Graphite, Lavender, Olive
	<u>Models</u>	SM-G990B, SM-G990B/DS, SM-G990U, SM-G990U1, SM-G990W, SM-G990E
	<u>SAR</u>	0.77 W/kg (head) 0.90 W/kg (body)
	<u>SAR EU</u>	0.95 W/kg (head) 1.48 W/kg (body)
TESTS	<u>Price</u>	\$ 549.99 / C\$ 876.20 / £ 502.68 / € 519.00 / ₹ 54,999
	<u>Performance</u>	AnTuTu: 566529 (v8), 719696 (v9) GeekBench: 3049 (v5.1) GFXBench: 56fps (ES 3.1 onscreen)
	<u>Display</u>	<u>Contrast ratio: Infinite (nominal)</u>
	<u>Camera</u>	<u>Photo / Video</u>
	<u>Loudspeaker</u>	<u>-26.9 LUFS (Good)</u>
	<u>Battery life</u>	Endurance rating 92h