

Samsung Galaxy S20 FE SM-G780G 16.5 cm (6.5") Dual SIM 4G
USB Type-C 6 GB 128 GB 4500 mAh White

Brand : Samsung Product family: Galaxy Product code: SM-G780GZWDEUA

Product name : SM-G780G

2400 x 1080, Super AMOLED, RAM 6Gb, ROM 128Gb, 4500mAh, Bluetooth 5, MicroSD, NFC, USB Type-C, 159.8 x 74.5 x 8.4 mm, 190g

Samsung Galaxy S20 FE SM-G780G. Display diagonal: 16.5 cm (6.5"), Display resolution: 2400 x 1080 pixels. Processor frequency: 2.73 GHz. 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. Battery capacity: 4500 mAh. Product colour: White. Weight: 190 g



Display		Network	
Display diagonal *	16.5 cm (6.5")	Near Field Communication (NFC)	✓
Screen shape	Flat	Ports & interfaces	
Display technology marketing name	Super AMOLED	USB port *	✓
Panel type	OLED	USB connector type	USB Type-C
Display resolution *	2400 x 1080 pixels	USB version	3.2 Gen 1 (3.1 Gen 1)
Display number of colours	16 million colours	Headphone connectivity	USB Type-C
Native aspect ratio	20:9	Design	
Maximum refresh rate	120 Hz	Form factor *	Bar
Processor		Product colour *	White
Processor cores	8	Colour name	Cloud White
Processor frequency *	2.73 GHz	International Protection (IP) code	IP68
Storage		Performance	
User memory	103.2 GB	Fingerprint reader	✓
RAM capacity *	6 GB	Country of origin	Vietnam
Internal storage capacity *	128 GB	Navigation	
Compatible memory cards *	MicroSD (TransFlash)	GPS (satellite)	✓
Maximum memory card size	1 TB	GLONASS	✓
Camera		BeiDou	✓
Rear camera resolution (numeric) *	12 MP	Galileo	✓
Second rear camera resolution (numeric)	12 MP	Position location *	✓
Third rear camera resolution (numeric)	8 MP	Software	
Rear camera aperture number	1.8	Platform *	Android
Second rear camera aperture number	2.2	Battery	
Third rear camera aperture number	2.4	Removable battery	✗
Optical zoom	3x	Battery capacity *	4500 mAh
Digital zoom	30x	Talk time (4G)	23 h
		Browsing time (Wi-Fi)	16 h

Camera		Battery	
Front camera type *	Single camera	Browsing time (4G)	14 h
Front camera resolution (numeric) *	32 MP	Continuous video playback time	17 h
Rear camera flash *	✓	Wireless audio playback time	81 h
Video capture resolution (max)	3840 x 2160 pixels	Sensors	
Maximum frame rate	960 fps	Proximity sensor	✓
Video recording modes	2160p	Accelerometer	✓
Rear camera type *	Triple camera	Gyroscope	✓
Auto focus	✓	Geomagnetic sensor	✓
Night mode	✓	Hall sensor	✓
Network		Weight & dimensions	
SIM card capability *	Dual SIM	Width	74.5 mm
Mobile network generation *	4G	Depth	8.4 mm
SIM card type *	NanoSIM	Height	159.8 mm
3G standards *	WCDMA	Weight *	190 g
4G standard *	LTE-TDD & LTE-FDD	Package width	88 mm
Wi-Fi	✓	Package depth	60 mm
Wi-Fi standards	802.11a, 802.11b, 802.11g, Wi-Fi 4 (802.11n), Wi-Fi 5 (802.11ac), Wi-Fi 6 (802.11ax)	Package height	176 mm
Bluetooth *	✓	Package weight	442 g
Bluetooth version	5.0	Certificates	
Wi-Fi Direct	✓	Head SAR (EU)	0.429 W/kg
MIMO	✓	Body SAR (EU)	1.355 W/kg
		Logistics data	
		Harmonized System (HS) code	8517120000
		Other features	
		Touchscreen	✓
		Repairability index	8.1



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