

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

Brand : Samsung Product family: Galaxy Product code: SM-G780GZBDEUA

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: 2.8 GHz. RAM capacity: 6 GB, Internal storage capacity: 128 GB. Rear camera resolution (numeric): 12 MP, Rear camera type: Triple camera. SIM card capability: Hybrid Dual SIM. Battery capacity: 4500 mAh. Product colour: Navy. Weight: 190 g



Display		Ports & interfaces	
Display diagonal *	16.5 cm (6.5")	USB port *	✓
Screen shape	Flat	USB connector type	USB Type-C
Display technology marketing name	Super AMOLED	USB version	3.2 Gen 1 (3.1 Gen 1)
Panel type	OLED	Headphone connectivity	USB Type-C
Display resolution *	2400 x 1080 pixels	Design	
Display number of colours	16 million colours	Form factor *	Bar
Native aspect ratio	20:9	Product colour *	Navy
Maximum refresh rate	120 Hz	Colour name	Cloud Navy
Processor		International Protection (IP) code	IP68
Processor cores	8	Performance	
Processor frequency *	2.8 GHz	Video call	✓
Coprocessor	✓	Fingerprint reader	✓
Storage		Country of origin	Vietnam
User memory	103.2 GB	Navigation	
RAM capacity *	6 GB	GPS (satellite)	✓
Internal storage capacity *	128 GB	GLONASS	✓
Compatible memory cards *	MicroSD (TransFlash)	BeiDou	✓
Maximum memory card size	1 TB	Galileo	✓
Camera		Position location *	✓
Rear camera resolution (numeric) *	12 MP	Multimedia	
Second rear camera resolution (numeric)	12 MP	FM radio	✓
Third rear camera resolution (numeric)	8 MP	Software	
Rear camera aperture number	1.8	Platform *	Android
Second rear camera aperture number	2.2	App distribution platform	Google Play
Third rear camera aperture number	2.4	Google applications	Google Play
Optical zoom	3x	Battery	
Digital zoom	30x	Removable battery	✓
Front camera type *	Single camera	Battery capacity *	4500 mAh

Camera		Battery	
Front camera resolution (numeric) *	32 MP	Talk time (4G)	23 h
Rear camera flash *	✓	Browsing time (Wi-Fi)	16 h
Flash type	LED	Browsing time (4G)	14 h
Video capture resolution (max)	3840 x 2160 pixels	Continuous video playback time	17 h
Maximum frame rate	960 fps	Wireless audio playback time	81 h
Video recording modes	2160p	Sensors	
Rear camera type *	Triple camera	Proximity sensor	✓
Auto focus	✓	Accelerometer	✓
Image stabilizer	✓	Ambient light sensor	✓
Night mode	✓	Gyroscope	✓
Network		Geomagnetic sensor	✓
SIM card capability *	Hybrid Dual SIM	Hall sensor	✓
Mobile network generation *	4G	Weight & dimensions	
SIM card type *	NanoSIM	Width	74.5 mm
3G standards *	WCDMA	Depth	8.4 mm
4G standard *	LTE-TDD & LTE-FDD	Height	159.8 mm
Wi-Fi *	✓	Weight *	190 g
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 width	90.7 mm
Bluetooth *	✓	Package depth	53.7 mm
Bluetooth version	5.0	Package height	174.7 mm
3G bands supported	850,900,1900,2100 MHz	Package weight	495 g
4G bands supported	700,850,900,1800,1900,2100,2300,2500,2600 MHz	Certificates	
Wi-Fi Direct	✓	Head SAR (EU)	0.429 W/kg
MIMO	✓	Body SAR (EU)	1.355 W/kg
Near Field Communication (NFC)	✓	Packaging content	
		Headset included	✗
		Logistics data	
		Harmonized System (HS) code	8517120000
		Other features	
		Touchscreen	✓
		Technical details	
		Repairability index	8.1



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