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Price:
%DevPrice%

Network	Technology:	GSM / CDMA / HSPA / EVDO / LTE / 5G
	2G bands:	GSM 850 / 900 / 1800 / 1900 SIM 1 & SIM 2
	3G bands:	HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100
	Speed:	HSPA 42.2/5.76 Mbps, LTE-A (7CA) Cat20 2000/200 Mbps, 5G
	4G bands:	LTE
	5G:	SA/NSA/Sub6/mmWave
Launch	Announced:	2020, August 05
	Status:	Available. Released 2020, August
Body	Dimensions:	164.8 x 77.2 x 8.1 mm
	Weight:	208 g
		Samsung Pay (Visa, MasterCard certified) IP68 dust/water resistant (up to 1.5m for 30 mins) Stylus, 9ms latency (Bluetooth integration, accelerometer, gyro)
	Build:	Glass front (Gorilla Glass Victus), glass back (Gorilla Glass Victus), stainless steel frame
	SIM:	Hybrid Dual SIM (Nano-SIM, dual stand-by)
Display	Type:	Dynamic AMOLED 2X capacitive touchscreen, 16M colors
	Size:	6.9 inches, 116.7 cm ² (~91.7% screen-to-body ratio)
		HDR10+ Always-on display 120Hz@FHD/60Hz@QHD refresh rate
	Protection:	Corning Gorilla Glass Victus
	Resolution:	1440 x 3088 pixels (~496 ppi density)
Platform	OS:	Android 10, One UI 2.5
	Chipset:	Exynos 990
	CPU:	Octa-core (2x2.73 GHz Mongoose M5 & 2x2.50 GHz Cortex-A76 & 4x2.0 GHz Cortex-A55)
	GPU:	Mali-G77 MP11
Memory	Card slot:	microSDXC (uses shared SIM slot)
	Internal:	256 GB , 12 GB RAM
		UFS3.0
Sound	Loudspeaker:	Yes, with stereo speakers
	3.5mm jack:	No
		32-bit/384kHz audio Tuned by AKG
Comms	WLAN:	Wi-Fi 802.11 a/b/g/n/ac/6, dual-band, Wi-Fi Direct, hotspot
	Bluetooth:	5.0, A2DP, LE, aptX
	GPS:	Yes, with A-GPS, GLONASS, BDS, GALILEO
	Radio:	No
	USB:	3.2, Type-C 1.0 reversible connector, USB On-The-Go
	NFC:	Yes
Features	Sensors:	Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer
		Samsung Wireless DeX (desktop experience support) ANT+ Bixby natural language commands and dictation
Battery		Li-Ion 4500 mAh, non-removable
	Charging:	Fast charging 25WUSB Power Delivery 3.0Fast Qi/PMA wireless chargingReverse wireless charging 9W
Main Camera	Features:	LED flash, auto-HDR, panorama
	Video:	8K@24fps, 4K@30/60fps, 1080p@30/60/240fps, 720p@960fps, HDR10+, stereo sound rec., gyro-EIS & OIS
	Triple:	108 MP, f/1.8, 26mm (wide), 1/1.33", 0.8µm, PDAF, Laser AF, OIS 12 MP, f/3.0, 120mm (periscope telephoto), 1.0µm, PDAF, OIS, 5x optical zoom, 50x hybrid zoom 12 MP, f/2.2, 120°, 13mm (ultrawide), 1/2.55", 1.4µm
Selfie camera	Single:	10 MP, f/2.2, 26mm (wide)
	Video:	4K@30/60fps, 1080p@30fps
	Features:	Dual video call, Auto-HDR