



Network	Technology:	GSM / CDMA / HSPA / EVDO / LTE / 5G
	2G bands:	GSM 850 / 900 / 1800 / 1900
	3G bands:	HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100
	Speed:	HSPA, LTE (Up to 7CA), 5G
	4G bands:	1, 2, 3, 4, 5, 7, 8, 12, 13, 17, 18, 19, 20, 25, 26, 28, 32, 38, 39, 40, 41, 66
	5G:	1, 2, 3, 5, 7, 8, 12, 20, 25, 26, 28, 38, 40, 41, 66, 75, 77, 78 SA/NSA/Sub6
Launch	Announced:	2025, January
	Status:	Available. Released 2025, January
Body	Dimensions:	162.8 x 77.6 x 8.2 mm
	Weight:	218 g
		IP68 dust/water resistant (up to 1.5m for 30 min) Stylus
	Build:	Glass front (Corning Gorilla Armor 2), glass back (Corning Gorilla Armor 2), titanium frame (grade 5)
	SIM:	Dual SIM (Nano-SIM/e-SIM)
Display	Type:	Dynamic LTPO AMOLED 2X, 120Hz, HDR10+, 2600 nits (peak)
	Size:	6.9 inches, 116.9 cm ² (~92.5% screen-to-body ratio)
		Always-on display
	Protection:	Corning Gorilla Armor 2
Platform	Resolution:	1440 x 3120 pixels, 19.5:9 ratio (~498 ppi density)
	OS:	Android 15, up to 7 major Android upgrades, One UI 7
	Chipset:	Qualcomm SM8750-AB Snapdragon 8 Elite (3 nm)
	CPU:	Octa-core (2x4.47 GHz Oryon V2 Phoenix L + 6x3.53 GHz Oryon V2 Phoenix M)
Memory	GPU:	Adreno 830
	Card slot:	No
	Internal:	256 GB , 12 GB RAM UFS 4.0
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/6e/7, tri-band, Wi-Fi Direct
	Bluetooth:	5.4, A2DP, LE
	Radio:	No
	USB:	USB Type-C 3.2, DisplayPort 1.2, OTG
	NFC:	Yes
	Comms:	GPS, GLONASS, BDS, GALILEO, QZSS
Features	Sensors:	Fingerprint (under display, ultrasonic), accelerometer, gyro, proximity, compass, barometer
		Samsung DeX, Samsung Wireless DeX (desktop experience support) Ultra Wideband (UWB) support Circle to Search
Battery	Charging:	45W wired, PD3.0, 65% in 30 min, 25W wireless (Qi2), 4.5W reverse wireless
	Type:	Li-Ion 5000 mAh
Main Camera	Features:	Laser AF, Best Face, LED flash, auto-HDR, panorama
	Video:	8K@24/30fps, 4K@30/60/120fps, 1080p@30/60/240fps, 10-bit HDR, HDR10+, stereo sound rec., gyro-EIS
	Quad:	200 MP, f/1.7, 24mm (wide), 1/1.3", 0.6µm, multi-directional PDAF, OIS 10 MP, f/2.4, 67mm (telephoto), 1/3.52", 1.12µm, PDAF, OIS, 3x optical zoom 50 MP, f/3.4, 111mm (periscope telephoto), 1/2.52", 0.7µm, PDAF, OIS, 5x optical zoom 50 MP, f/1.9, 120° (ultrawide), 0.7µm, dual pixel PDAF, Super Steady video
Selfie camera	Single:	12 MP, f/2.2, 26mm (wide), 1/3.2
	Video:	4K@30/60fps, 1080p@30fps
	Features:	HDR, HDR10+