

Available as: Samsung SM-G800F for Europe Samsung SM-G800H for USA		
GENERAL	2G Network	GSM 850 / 900 / 1800 / 1900
	3G Network	HSDPA 850 / 900 / 1900 / 2100
	4G Network	LTE 800 / 850 / 900 / 1800 / 2100 / 2600
	SIM	Micro-SIM
	Announced	2014, June
	Status	Available. Released 2014, July
BODY	Dimensions	131.1 x 64.8 x 9.1 mm (5.16 x 2.55 x 0.36 in)
	Weight	120 g (4.23 oz)
		- Fingerprint sensor (PayPal certified) - IP67 certified - dust and water resistant - Water resistant up to 1 meter and 30 minutes
DISPLAY	Type	Super AMOLED capacitive touchscreen, 16M colors
	Size	720 x 1280 pixels, 4.5 inches (~326 ppi pixel density)
	Multitouch	Yes - TouchWiz UI
SOUND	Alert types	Vibration; MP3, WAV ringtones
	Loudspeaker	Yes
	3.5mm jack	Yes
MEMORY	Card slot	microSD, up to 64 GB
	Internal	16 GB, 1.5 GB RAM
DATA	GPRS	Yes
	EDGE	Yes
	Speed	HSDPA, 42 Mbps (LTE model); HSDPA, 21.1 Mbps (3G model); HSUPA, 5.76 Mbps; LTE, Cat4, 50 Mbps UL, 150 Mbps DL
	WLAN	Wi-Fi 802.11 a/b/g/n, dual-band, Wi-Fi Direct, Wi-Fi hotspot
	Bluetooth	v4.0, A2DP, EDR, LE
	NFC	Yes (LTE model only)
	Infrared port	Yes
	USB	microUSB v2.0
CAMERA	Primary	8 MP, 3264 x 2448 pixels, autofocus, LED flash, check quality
	Features	Geo-tagging, touch focus, face detection, HDR, panorama
	Video	1080p@30fps, check quality
	Secondary	2.1 MP, 1080p@30fps
FEATURES	OS	Android OS, v4.4.2 (KitKat)
	Chipset	Exynos 3 Quad 3470
	CPU	Quad-core 1.4 GHz Cortex-A7
	GPU	Mali-400MP4
	Sensors	Accelerometer, gyro, proximity, compass, heart rate
	Messaging	SMS(threaded view), MMS, Email, Push Mail, IM
	Browser	HTML5
	Radio	No
	GPS	Yes, with A-GPS, GLONASS
	Java	Yes, via Java MIDP emulator
		- Dropbox (50 GB cloud storage) - MP4/DivX/XviD/WMV/H.264/H.263 player - MP3/WAV/eAAC+/WMA/FLAC player - Organizer - Photo/video editor - Document viewer - Google Search, Maps, Gmail, YouTube, Calendar, Google Talk, Picasa - Voice memo/dial/commands - Predictive text input (Swype)
BATTERY		Li-Ion 2100 mAh battery
	Stand-by	
	Talk time	(2G) / Up to 10 h (3G)
	Music play	Up to 47 h
MISC	SAR US	0.63 W/kg (head) 0.82 W/kg (body)
	SAR EU	0.97 W/kg (head) 0.56 W/kg (body)
	Price group	
TESTS	Performance	Basemark OS II: 419 / Basemark X: 2665
	Display	Contrast ratio: Infinite (nominal), 3.174 (sunlight)
	Camera	Photo / Video
	Loudspeaker	Voice 73dB / Noise 67dB / Ring 78dB
	Audio quality	Noise -92.6dB / Crosstalk -94.0dB
	Battery life	Endurance rating 72h