

NETWORK	Technology	GSM / HSPA / LTE	EXPANDED
LAUNCH	Announced	2013, June	Official website
	Status	Available. Released 2013, June	
BODY	Dimensions	139.7 x 71.3 x 9.1 mm (5.5 x 2.81 x 0.36 in)	Official website
	Weight	153 g (5.40 oz)	
	SIM	Micro-SIM	
		- IP67 certified - dust and water resistant - Water resistant up to 1 meter and 30 minutes	
DISPLAY	Type	TFT capacitive touchscreen, 16M colors	Official website
	Size	5.0 inches (~69.2% screen-to-body ratio)	
	Resolution	1080 x 1920 pixels (~441 ppi pixel density)	
	Multitouch	Yes	
	Protection	Corning Gorilla Glass 2	
PLATFORM		- TouchWiz UI	Official website
	OS	Android OS, v4.2.2 (Jelly Bean), upgradable to v5.0.1 (Lollipop)	
	Chipset	Qualcomm APQ8064T Snapdragon 600	
	CPU	Quad-core 1.9 GHz Krait 300	
MEMORY	GPU	Adreno 320	Official website
	Card slot	microSD, up to 64 GB	
	Internal	16 GB (11.2 GB user available), 2 GB RAM	
CAMERA	Primary	8 MP, autofocus, LED flash, check quality	Official website
	Features	Geo-tagging, touch focus, face/smile detection, panorama, HDR	
	Video	1080p@30fps, check quality	
	Secondary	2 MP, 1080p@30fps	
SOUND	Alert types	Vibration; MP3, WAV ringtones	Official website
	Loudspeaker	Yes	
	3.5mm jack	Yes	
COMMS	WLAN	Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, DLNA, hotspot	Official website
	Bluetooth	v4.0, A2DP, EDR, LE, apt-X	
	GPS	Yes, with A-GPS, GLONASS	
	NFC	Yes	
	Infrared port	Yes	
	Radio	No	
	USB	microUSB v2.0 (MHL 2 TV-out), USB Host	
FEATURES	Sensors	Accelerometer, gyro, proximity, compass, barometer, gesture	Official website
	Messaging	SMS(threaded view), MMS, Email, Push Mail, IM	
	Browser	HTML5	
	Java	No	
		- S-Voice natural language commands and dictation - Air gestures - Dropbox (50 GB cloud storage) - Active noise cancellation with dedicated mic - MP4/DivX/XviD/WMV/H.264 player - MP3/WAV/eAAC+/AC3/FLAC player - Photo/video editor - Document viewer	
BATTERY		Removable Li-Ion 2600 mAh battery	Official website
	Stand-by	Up to 312 h	
	Talk time	Up to 17 h	
MISC	Colors	Urban Grey, Dive Blue, Orange Flare	Official website
	SAR US	0.55 W/kg (head) 0.75 W/kg (body)	
	SAR EU	0.26 W/kg (head) 0.36 W/kg (body)	
	Price group	7/10	
TESTS	Display	Contrast ratio: 1046:1 (nominal), 2.022 (sunlight)	Official website
	Camera	Photo / Video	
	Loudspeaker	Voice 72dB / Noise 66dB / Ring 78dB	
	Audio quality	Noise -96.1dB / Crosstalk -96.0dB	
	Battery life	Endurance rating 57h	