

Full Specifications

Category	TYPE Smartphone		
Form Factor	FORM FACTOR Bar (Candybar)		
Color	COLOR ? Red		
OS	OS Android™		
Size	WEIGHT 6.0oz	PRODUCT DIMENSIONS (INCHES) ? 5.72" x 2.89" x 0.35"	
Camera	CAMERA RESOLUTION (FRONT) 2 Megapixel FEATURES Auto Focus; Dual-Camera; Dual-Recording; Geo-Tagging; HD Playback: Full HD (1080p); HD Recording: UHD 4K (3840 x 2160), @30fps; LED Flash; Online Image Uploading; Photo Editing; Sharing Capabilities: AT&T Locker, Bluetooth®, Buddy Photo Share, ChatOn, Email, Flipboard, Gmail™, Google+™, Group Play, Messaging, NFC, Picasa™, S Beam™, S Memo, Samsung Link, Share Shot, Wi-Fi Direct™; Shot Modes: Auto, Beauty Face, Shot and more, Panorama, Virtual Tour, Dual Camera, Download; Slow Motion Recording; TV/Video-Out: HDMI, Samsung Link, Wi-Fi Direct, Wi-Fi®; Video; Video Editing; Zero Shutter Lag	CAMERA RESOLUTION (REAR) ? 16 Megapixel	DIGITAL OPTICAL ZOOM 4x Digital
Battery*	BATTERY, STANDBY ? Up to 29 Hours*	BATTERY TYPE AND SIZE 3.85 Volt, Lithium Ion, 2800 mAh	MUSIC PLAY TIME ? Up to 77 Hours*
	VIDEO PLAY TIME ? Up to 14 Hours*	INTERNET USE TIME ? 3G: Up to 11 Hours; 4G: Up to 12 Hours; Wi-Fi: Up to 13 Hours;*	REMOVABLE Yes
Memory	INTERNAL MEMORY (User memory is less than the total memory due to storage of the operating system and software used to operate the phones features. Actual user memory will vary depending on the mobile phone operator and may change after software upgrades are performed.) 2 GB RAM, 16 GB ROM***	EXTERNAL MEMORY/MICROSD™ CAPACITY ? Up to 128 GB	SDHC/SHD SD CARD Yes
Network	FREQUENCIES AND DATA TYPE UMTS: 850/1900/2100MHz GSM: 850/900/1800/1900MHz LTE: Bands 1/2/3/4/5/7/17	SIM SIZE Micro-SIM (3FF)	SAR SAR Value
Connectivity	WI-FI ? 802.11 a/b/g/n/ac 2.4G+5GHz, VHT80 MIMO	FEATURES Bluetooth® Profiles: A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP; Wi- Fi® Hotspot: 10	USB ? USB 2.0 BLUETOOTH 4.0
	ANT+ Yes	BLUETOOTH PROFILES A2DP, AVRCP, DI, HFP, HID, HOGP, HSP, MAP, OPP, PAN, PBAP	LOCATION TECHNOLOGY GPS, Glonass
	EARJACK 3.5mm Stereo	MHL MHL 2	Wi-Fi Direct Yes

	NFC Yes	PC SYNC. KIES	
Processor	PROCESSOR SPEED, TYPE 2.5 GHz Quad-Core		
Display	MAIN DISPLAY RESOLUTION 1920 x 1080 (FHD)	MAIN DISPLAY SIZE 5.1" (129.4mm)	MAIN DISPLAY TECHNOLOGY Super AMOLED™
	TOUCHSCREEN ⓘ Yes	COLOR DEPTH 16M	
User Interface	FEATURES Air Gestures™; Air View™; Samsung Traditional UI; Smart Pause™; Smart Scroll™; Smart Unlock; TouchWiz®; Widgets		
Audio	AUDIO PLAYING FORMAT 3GA, AWB, FLAC, MID, MXMF, OGA, OTA, RTX, RTTTL, XMF, AAC, AMR, IMY, M4A, MIDI, MP3, OGG, WAV, WMA		
Video	VIDEO PLAYING FORMAT FLV, M4V, MKV, MP4, WEBM, WMV, 3G2, 3GP, ASF, AVI		
Fun & Entertainment	FEATURES Downloadable Content; IR Remote Control; S Translator; S Voice™; Samsung Widget Gallery; Wallpapers, Animated; WatchON™		
Services and Applications	GEAR MANAGER Yes	S-VOICE Yes	
Business & Office	FEATURES Enterprise-Ready; Corporate E-mail/Calendar/Contacts; Microsoft® Office-compatible; Mobile Device Management; OCR/Business Card/Photo Scanner; On-Device Encryption (ODE); KNOX; Virtual Private Network		
Communication Features	FEATURES Email; Picture Messaging; Text Messaging; Video Messaging		
Calling Functions	FEATURES Airline Mode; Call Block; Hearing Aid Compatible (HAC); M3; Multitasking; Picture Caller ID; Speakerphone; Speech-to-Text; Text-to-Speech; TTY		
Sensor Type ⓘ	TYPE Accelerometer, Barometer, Geomagnetic Sensor, Gesture Sensor, Gyro Sensor, HRM Sensor, Light Sensor, Proximity Sensor		