



CATEGORY	
Type	Galaxy S
CARRIER	
Type	T-Mobile
FORM FACTOR	
Form Factor	Bar, Touchscreen
COLOR	
Color	White Frost
OS	
OS	Android™ KitKat 4.4.2
SIZE	
Weight	4.59 oz.
Product Dimensions (inches)	5.38" x 2.74" x 0.31"
COMPATIBLE DEVICES	
Compatible Devices	Galaxy Gear
CAMERA	
Camera resolution (Front)	2.0MP
Camera resolution (Rear)	13MP
Digital Optical Zoom	4x
Features	Auto Focus; Dual-Camera; Dual-Recording; Dual-Video Call; Geo-Tagging; HD Playback; HD Recording; LED Flash; Online Image Uploading; Photo Editing; Sharing Capabilities: Bluetooth®, Buddy Photo Share, ChatOn, Dropbox®, Email, Flipboard, Gmail™, Google+™, Group Play, Messaging, NFC, Picasa™, S Beam™, S Memo, Samsung Link, Share Shot, Wi-Fi Direct™; Shot Modes: Animated Photo, Auto, Beauty Face, Best Face, Best Photo, Drama Shot, Eraser Shot, Rich tone (HDR), Night, Panorama, Sound & Shot, Sports; Slow Motion Recording; TV/Video-Out; Video; Video Editing; Zero Shutter Lag
BATTERY	
Battery, Standby	3G: Up to 350 Hours; 4G: Up to 300 Hours*
Battery, Talk Time	Up to 17 Hours*
Battery Type and Size	3.8 Volt, Lithium Ion, 2600 mAh
Music Play Time	Up to 69 Hours*
Video Play Time	Up to 11 Hours*
Internet Use Time	3G: Up to 8 Hours; 4G: Up to 8 Hours; Wi-Fi: Up to 10 Hours*
MEMORY	
Internal Memory (User memory is less than the total memory due to storage of the operating system and software used to operate the features. Actual user memory will vary depending on the operator and may change after software upgrades are performed.)	2 GB RAM, 16 GB ROM (Portion of memory occupied by existing content)
External Memory/microSD™ Capacity	Up to 64GB
NETWORK	
Frequencies and Data Type	LTE: Bands 1/2/4/5/7/17; HSPA+/UMTS: 850/AWS/1900/2100MHz; GSM: 850/900/1800/1900MHz
SAR value - Head (W/kg)	SAR Value: Head 1.03 W/kg
SAR value - Body Worn (W/kg)	SAR Value: Body 1.31 W/kg
CONNECTIVITY	
Features	Bluetooth® Profiles: A2DP, AVRCP, GAVDP, GOEP, HFP, HID, HSP, MAP, OBEX, OPP, PAN, PBAP, SPP; NFC; Wi-Fi®; Hotspot; MHL support
PROCESSOR	
Processor Speed, Type	1.9GHz Quad Core
DISPLAY	
Main Display Resolution	1920 x 1080 Pixel, 441 ppi
Main Display Size	5"
Main Display Technology	Full HD Super AMOLED™
USER INTERFACE	
Features	Accelerometer; Air Gestures™; Air View™; Barometer; Geomagnetic; Gyro; Proximity; RGB Light; Samsung Traditional UI; Smart Gestures; Smart Pause™; Smart Scroll™; Smart Unlock; Temperature & Humidity; TouchWiz®; Widgets
KEY FEATURES	
GPS Navigation	Yes
Business/Enterprise	Yes
Premium Camera	Yes
NFC	Yes
Noise Cancellation	Yes
Enabled for 4G LTE	Yes
AUDIO	
Features	Audio Streaming; Compatible Music Files: AAC, AMR, MP3, OGG, WMA/ASF, 3GA/M4A, WAV; MP3/MP4/Music Tones; Music Player; Ringtones, Polyphonic
VIDEO	
Features	Compatible Video Files: AVI/DIVX, WMV/ASF, FLV, MKV, MP4/3GP, WEBM; Video Player; Video Streaming
FUN & ENTERTAINMENT	
Features	Downloadable Content; IR Remote Control; S Translator; S Voice®; Samsung Widget Gallery; Wallpapers, Animated; WatchON
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); Virtual Private Network, Polaris Office 5
COMMUNICATION FEATURES	
Features	Email; Picture Messaging; Text Messaging; Video Messaging
CALLING FUNCTIONS	
Features	Airline Mode; Call Block; Hearing Aid Compatible (HAC); Multitasking; Picture Caller ID; Speakerphone; Speech-to-Text; Text-to-Speech; TTY; Visual Voicemail; Voicemail; Voice Recognition
DISCLAIMER	
Disclaimer	*Results are based on lab environment testing. Refer to your network carrier's website for network specific talk times. Battery power consumption depends on factors such as network configuration, signal strength, operating temperature, features selected, vibrate mode, backlight settings, browser use, and data and other application usage patterns.