

Network/Bearer and Wireless Connectivity

2G	EDGE / GPRS Class 12 / GSM Quad Band (850/900/1,800/1,900MHz)
4G	LTE Band 1 (2,100MHz) / Band 3 (1,800MHz) / Band 5 (850MHz) / Band 7 (2,600MHz) / Band 8 (900MHz) / Band 20 (800MHz)
3G	3G (850/900/1,900/2,100MHz)
Wi-Fi	Wi-Fi® 802.11 a/b/g/n/ac
Wi-Fi Direct	Wi-Fi Direct™
Bluetooth Profiles	Bluetooth™ 4.0
NFC	NFC
Connectivity Support	Screen Mirroring, S Beam, Samsung Link, GPS, TV-Out (MHL 2.0), Tethering and portable hotspot
PC Sync.	Kies via Wi-Fi®

OS

Android™ 4.2.2 (Jelly Bean)

Display

technology	Full touch (C-Type) full HD TFT LCD Screen
Colour Depth	Colour Depth: 16M
Size	Size: 5.0"
Resolution	Resolution: 1920 x 1080

Chipset

CPU Type	Quad Core Processor
CPU Speed	1.9GHz
Memory 16GB Internal Memory	
Camera	
Camera Resolution(Front)	2 Megapixels Camera Resolution (Front)
Camera Resolution(Rear)	8 Megapixels Camera Resolution (Rear)
Flash	LED Flash
Auto Focus	Auto Focus and 4x Digital zoom available
Sensors Accelerometer, Proximity, Barometer, Lights, Gyroscope, Magnetic, Gesture Sensors	
Physical Specifications	
Dimension (HXWXD)	Dimension (H x W x D): 139.7 x 71.3 x 9.1mm
Weight	Weight: 153g
Connectors	
USB	USB 2.0
Earjack	3.5mm Ear Jack
External Memory Slot	MicroSD: Up to 64GB
Battery	
Standard Battery	2,600mAh
Talk Time(W-CDMA)	W-CDMA Talk Time: Up to 15 hours

Standby Time(W-CDMA)W-CDMA Standby Time: Up to 320 hours

Standby Time(LTE)LTE Standby Time: Up to 290 hours

Services and Applications

ChatON, mFluent IMChatON available

Audio and Video

Video FormatVideo Format: 3GP, MPEG4, H.263, H.264, DivX, WMV

Video ResolutionVideo Resolution: Full HD 1080p

Video Frame rateVideo Frame Rate: 30fps

Audio FormatAudio Format: MP3, AAC, AAC+, eAAC+, WAV,
AMR-NB, OGG, WMA, AMR-WB