

Network/Bearer

2G GSM

Quad Band (850/ 900/ 1800/ 1900MHz)

3G CDMA

850/ 900/ 1900/ 2100MHz

4G LTE

Band 1 (2100MHz)/ Band 3 (1800MHz)/ Band 5 (850MHz)/ Band 7 (2600MHz)/ Band 8 (900MHz)/ Band 20 (800MHz)

Connectivity

USB Version

USB 3.0

Location Technology

A-GPS, GLONASS

Earjack

3.5mm Stereo

MHL

MHL 2.1

Wi-Fi

802.11 a/b/g/n/ac 2.4G+5GHz, VHT80 MIMO

Wi-Fi Direct

Yes

Bluetooth Version

BT 4.0

PC Sync.

KIES

OS

Android

Display

Technology (Main Display)

TFT

Size (Main Display)

12.2"

Resolution (Main Display)

2560 x 1600 (WQXGA)

Color Depth (Main Display)

16M

S Pen Support

Yes

Processor

CPU Speed

2.3GHz

CPU Type

Quad Core

Memory

RAM Size (GB)

3GB

ROM Size (GB)

32¹

External Memory Support

MicroSD (up to 64GB)

Camera

Video Recording Resolution	(1920 x 1080), (1440 x 1080), (1280 x 720), (640 x 480), 3GP, MPEG4, H.264, +AAC, 1080p@30fps
Main Camera - Resolution	8.0 Megapixel
Front Camera - Resolution	2.0 Megapixel
Main Camera - Flash	Yes
Main Camera - Auto Focus	Yes
Camera Mode	4X Digital zoom; Mode [Timer Shot, Dual Shot, Beauty Face, Best Photo, Best Face, Sound & Shot, Drama Shot, Rich Tone (HDR), Eraser, Panorama Shot, Sports Shot, Share Shot, Buddy Photo Share]
Sensors	
Accelerometer, Lights, Gyroscope, Magnetic	
Physical specification	
Dimension (HxWxD)	295.60 x 204.00 x 7.95
Weight	753g
Battery	
Internet Usage Time(3G)	Up to 10hrs ²

Internet Usage Time(LTE)	Up to 10 hours ²
Internet Usage Time(WI-FI)	Up to 11 hours ²
Video Playback Time	Up to 11 hours ²
Standard Battery Capacity	9,500mAh
Audio Playback Time	Up to 188 hours ²
Talk Time (3G)	Up to 51 hours ²

Audio and Video

Video Playing Format	MPEG4, H.263, H.264, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM, TS, 1080p@30fps
Audio Playing Format	AAC, AAC+, AMR-NB, AMR-WB, eAAC+, I-Melody, M4A, MPEG3, SP-MIDI, WAV, WMA, XMF, FLAC, 3GA, MID

Services and Applications

B2B Solutions

Samsung Link (Downloadable), Screen Mirroring, Peel Smart Remote, SideSync 3.0 (Downloadable), HomeSync (Downloadable), Google Voice Search™, Samsung Apps, Reading Mode, YouTube™, Twitter, Content Home, Flipboard, Multi-touch zoom, Google Play™, SketchBook for GALAXY (Downloadable), NYTimes for Android™, Bloomberg Businessweek, CISCO WebEx®, Samsung e-Meeting, Hancorn Office, Remote PC, KNOX (Downloadable), Google Search™, Google™, Google Play™

	Music, Google Play™ Books, Google Play™ Games, Google Play™ Newsstand, Google Now™, Google Maps™, Google™ Photos, Google Drive™, Hangouts™, Gmail™, S Planner, S Note, Evernote, KNOX, Find My Mobile, Multi Window, Smart Stay, Smart Pause, Smart Rotation, Air View, S Pen, Scrapbook, Air Command (Action Memo, Scrapbooker³, S Finder, Pen Window, Screen Write), Pop Up Play, Direct Pen Input, Dropbox, LINE (Naver), ChatON (Downloadable)
Gear Manager	Yes
S-Voice	Yes