

Specification

- **Processor**
 - **CPU Speed** 2.3GHz, 1.8GHz
 - **CPU Type** Octa-Core
- **Display**
 - **Size (Main_Display)** 165.5mm (6.5" full rectangle) / 161.4mm (6.4" rounded corners)
 - **Resolution (Main Display)** 720 x 1600 (HD+)
 - **Technology (Main Display)** PLS TFT LCD
 - **Color Depth (Main Display)** 16M
- **Camera**
 - **Rear Camera - Resolution (Multiple)** 48.0 MP + 5.0 MP + 2.0 MP + 2.0 MP
 - **Rear Camera - F Number (Multiple)** F2.0 , F2.2 , F2.4 , F2.4
 - **Rear Camera - Auto Focus** Yes
 - **Rear Camera – OIS** No
 - **Rear Camera Zoom** Digital Zoom up to 10x
 - **Front Camera - Resolution** 8.0 MP
 - **Front Camera - F Number** F2.2
 - **Front Camera - Auto Focus** No
 - **Front Camera – OIS** No
 - **Rear Camera – Flash** Yes
 - **Front Camera – Flash** No
 - **Video Recording Resolution** FHD (1920 x 1080) @30fps
- **Memory**
 - **RAM_Size (GB)** 4
 - **ROM Size (GB)** 64
 - **Available Memory (GB)** 48.2
 - **External Memory Support** MicroSD (Up to 1TB)
- **Network/Bearer**
 - **Number of SIM** Dual-SIM
 - **SIM size** Nano-SIM (4FF)
 - **SIM Slot Type** SIM 1 + SIM 2 + MicroSD
 - **Infra** 2G GSM, 3G WCDMA, 4G LTE FDD, 4G LTE TDD
 - **2G GSM** GSM850, GSM900, DCS1800, PCS1900
 - **3G UMTS** B1(2100), B5(850), B8(900)
 - **4G FDD LTE** B1(2100), B3(1800), B5(850), B7(2600), B8(900), B20(800), B28(700)
 - **4G TDD LTE** B38(2600), B40(2300), B41(2500)
- **Connectivity**
 - **USB Interface** USB Type-C
 - **USB Version** USB 2.0
 - **Location Technology** GPS, Glonass, Beidou, Galileo
 - **Earjack** 3.5mm Stereo
 - **MHL** No
 - **Wi-Fi** 802.11 b/g/n 2.4GHz
 - **Wi-Fi Direct** Yes
 - **Bluetooth Version** Bluetooth v5.0
 - **NFC** Yes
 - **PC Sync.** Smart Switch (PC version)

- **OS**
 - Android
- **General Information**
 - **Form Factor** Touchscreen Bar
- **Sensors**
 - Accelerometer, Fingerprint Sensor, Grip Sensor, Virtual Light Sensing, Virtual Proximity Sensing
- **Battery**
 - **Internet Usage Time(LTE) (Hours)**Up to 20
 - **Internet Usage Time(Wi-Fi) (Hours)**Up to 19
 - **Video Playback Time (Hours)**Up to 21
 - **Battery Capacity (mAh, Typical)**5000
 - **Removable** No
 - **Audio Playback Time (Hours)**Up to 109
 - **Talk Time (4G LTE) (Hours)**Up to 34
- **Audio and Video**
 - **Stereo Support** No
 - **Video Playing Format**MP4, M4V, 3GP, 3G2, WMV, ASF, AVI, FLV, MKV, WEBM
 - **Video Playing Resolution** FHD (1920 x 1080) @30fps
 - **Audio Playing Format**MP3, M4A, 3GA, AAC, OGG, OGA, WAV, WMA, AMR, AWB, FLAC, MID, MIDI, XMF, MXMF, IMY, RTTTL, RTX, OTA
- **Services and Applications**
 - **Gear Support** Galaxy Buds Live, Galaxy Buds+, Galaxy Buds, Galaxy Fit2, Galaxy Fit e, Galaxy Fit, Galaxy Watch3, Galaxy Watch, Galaxy Watch Active2, Galaxy Watch Active, Gear Fit2 Pro, Gear Fit2, Gear Fit, Gear Sport, Gear2 Neo, Gear2, Gear1, Gear S3, Gear S2, Gear IconX, Gear IconX (2018)
 - **Samsung DeX Support** No
 - **Mobile TV** No