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| **NETWORK** | **Technology** | GSM / HSPA / LTE |
| **2G bands** | GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM model only) |
| **3G bands** | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100 |
| **4G bands** | LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 12(700), 13(700), 17(700), 18(800), 19(800), 20(800), 26(850), 28(700), 38(2600), 40(2300), 41(2500), 66(1700/2100) |
| **Speed** | HSPA 42.2/5.76 Mbps, LTE-A (3CA) Cat11 600/75 Mbps |
| **GPRS** | Yes |
| **EDGE** | Yes |

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| **LAUNCH** | **Announced** | 2017, December |
| **Status** | Available. Released 2018, January |

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| **BODY** | **Dimensions** | 159.9 x 75.7 x 8.3 mm (6.30 x 2.98 x 0.33 in) |
| **Weight** | 191 g (6.74 oz) |
| **Build** | Front/back glass, aluminum frame |
| **SIM** | Single SIM (Nano-SIM) |
|  | - Samsung Pay - IP68 certified - dust/water proof over 1.5 meter and 30 minutes |

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| **DISPLAY** | **Type** | Super AMOLED capacitive touchscreen, 16M colors |
| **Size** | 6.0 inches, 91.4 cm2 (~75.5% screen-to-body ratio) |
| **Resolution** | 1080 x 2220 pixels, 18.5:9 ratio (~411 ppi density) |
| **Multitouch** | Yes |
| **Protection** | Corning Gorilla Glass (unspecified version) |
|  | - Always-on display |

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| **PLATFORM** | **OS** | Android 7.1.1 (Nougat) |
| **Chipset** | Exynos 7885 Octa |
| **CPU** | Octa-core (2x2.2 GHz Cortex-A73 & 6x1.6 GHz Cortex-A53) |
| **GPU** | Mali-G71 |

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| **MEMORY** | **Card slot** | microSD, up to 256 GB (dedicated slot) |
| **Internal** | 32 GB, 4 GB RAM |

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| **CAMERA** | **Primary** | 16 MP (f/1.7, 1/2.8”, 1.12 µm), phase detection autofocus, LED flash |
| **Features** | Geo-tagging, touch focus, face detection, panorama, HDR |
| **Video** | 1080p@30fps |
| **Secondary** | Dual: 16 MP (f/1.9, 1/3.1”, 1.0 µm) + 8 MP (f/1.9, 1/4.0”, 1.12 µm), 1080p |

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| **SOUND** | **Alert types** | Vibration; MP3, WAV ringtones |
| **Loudspeaker** | Yes |
| **3.5mm jack** | Yes |
|  | - 24-bit/192kHz audio - Active noise cancellation with dedicated mic |

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| **COMMS** | **WLAN** | Wi-Fi 802.11 a/b/g/n/ac, dual-band, WiFi Direct, hotspot |
| **Bluetooth** | 5.0, A2DP, EDR, LE |
| **GPS** | Yes, with A-GPS, GLONASS, BDS |
| **NFC** | Yes |
| **Radio** | FM radio |
| **USB** | 2.0, Type-C 1.0 reversible connector |

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| **FEATURES** | **Sensors** | Fingerprint (rear-mounted), accelerometer, gyro, proximity, compass, barometer |
| **Messaging** | SMS(threaded view), MMS, Email, Push Mail, IM |
| **Browser** | HTML5 |
|  | - Fast battery charging - ANT+ support - MP4/WMV/H.265 player - MP3/WAV/WMA/eAAC+/FLAC player - Photo/video editor - Document viewer |

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| **BATTERY** |  | Non-removable Li-Ion 3500 mAh battery |
| **Talk time** | Up to 23 h (3G) |
| **Music play** | Up to 73 h |

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| **MISC** | **Colors** | Black, orchid grey, gold, blue |
| **SAR EU** | 0.32 W/kg (head) 1.30 W/kg (body) |