|  |  |  |
| --- | --- | --- |
| **NETWORK** | **Technology** | GSM / CDMA / HSPA / EVDO / LTE |
| **2G bands** | GSM 850 / 900 / 1800 / 1900 |
|  | CDMA 800 / 1900 / 2100 - A1863 |
| **3G bands** | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100 - A1863, A1905 |
|  | CDMA2000 1xEV-DO & TD-SCDMA - A1863 |
| **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), 25(1900), 26(850), 28(700), 29(700), 30(2300), 34(2000), 38(2600), 39(1900), 40(2300), 41(2500), 66(1700/2100) - A1863, A1905 |
|  | LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 11(1500), 12(700), 13(700), 17(700), 18(800), 19(800), 20(800), 21(1500), 25(1900), 26(850), 28(700), 22(3500), 29(700), 30(2300), 34(2000), 38(2600), 39(1900), 40(2300), 41(2500), 42(3500), 66(1700/2100) - A1906 |
| **Speed** | HSPA, LTE-A, EV-DO Rev.A 3.1 Mbps |
| **GPRS** | Yes |
| **EDGE** | Yes |

|  |  |  |
| --- | --- | --- |
| **LAUNCH** | **Announced** | 2017, September |
| **Status** | Available. Released 2017, September |

|  |  |  |
| --- | --- | --- |
| **BODY** | **Dimensions** | 138.4 x 67.3 x 7.3 mm (5.45 x 2.65 x 0.29 in) |
| **Weight** | 148 g (5.22 oz) |
| **SIM** | Nano-SIM |
|  | - IP67 certified - dust and water resistant - Water resistant up to 1 meter and 30 minutes - Apple Pay (Visa, MasterCard, AMEX certified) |

|  |  |  |
| --- | --- | --- |
| **DISPLAY** | **Type** | LED-backlit IPS LCD, capacitive touchscreen, 16M colors |
| **Size** | 4.7 inches (~65.4% screen-to-body ratio) |
| **Resolution** | 750 x 1334 pixels (~326 ppi pixel density) |
| **Multitouch** | Yes |
| **Protection** | Ion-strengthened glass, oleophobic coating |
|  | - Wide color gamut display - 3D Touch display & home button - True-tone display |

|  |  |  |
| --- | --- | --- |
| **PLATFORM** | **OS** | iOS 11 |
| **Chipset** | Apple A11 Bionic |
| **CPU** | Hexa-core (2x Monsoon + 4x Mistral) |
| **GPU** | Apple GPU (three-core graphics) |

|  |  |  |
| --- | --- | --- |
| **MEMORY** | **Card slot** | No |
| **Internal** | 64 GB, 2 GB RAM |

|  |  |  |
| --- | --- | --- |
| **CAMERA** | **Primary** | 12 MP, f/1.8, 28mm, phase detection autofocus, OIS, quad-LED (dual tone) flash |
| **Features** | Geo-tagging, simultaneous 4K video and 8MP image recording, touch focus, face/smile detection, HDR (photo/panorama) |
| **Video** | 2160p@24/30/60fps, 1080p@30/60/120/240fps |
| **Secondary** | 7 MP, f/2.2, 1080p@30fps, 720p@240fps, face detection, HDR, panorama |

|  |  |  |
| --- | --- | --- |
| **SOUND** | **Alert types** | Vibration, proprietary ringtones |
| **Loudspeaker** | Yes, with stereo speakers |
| **3.5mm jack** | No |
|  | - Active noise cancellation with dedicated mic - Lightning to 3.5 mm headphone jack adapter |

|  |  |  |
| --- | --- | --- |
| **COMMS** | **WLAN** | Wi-Fi 802.11 a/b/g/n/ac, dual-band, hotspot |
| **Bluetooth** | 5.0, A2DP, LE |
| **GPS** | Yes, with A-GPS, GLONASS, BDS, GALILEO |
| **NFC** | Yes (Apple Pay only) |
| **Radio** | No |
| **USB** | 2.0, reversible connector |

|  |  |  |
| --- | --- | --- |
| **FEATURES** | **Sensors** | Fingerprint (front-mounted), accelerometer, gyro, proximity, compass, barometer |
| **Messaging** | iMessage, SMS (threaded view), MMS, Email, Push Email |
| **Browser** | HTML5 (Safari) |
| **Java** | No |
|  | - Fast battery charging: 50% in 30 min - Qi wireless charging - Siri natural language commands and dictation - iCloud cloud service - MP3/WAV/AAX+/AIFF/Apple Lossless player - MP4/H.264 player - Audio/video/photo editor - Document editor |

|  |  |  |
| --- | --- | --- |
| **BATTERY** |  | Non-removable Li-Ion 1821 mAh battery (6.96 Wh) |
| **Talk time** | Up to 14 h (3G) |
| **Music play** | Up to 40 h |

|  |  |  |
| --- | --- | --- |
| **MISC** | **Colors** | Silver, Space Gray, Gold |
| **SAR** | 1.32 W/kg (head) 1.36 W/kg (body) |
| **SAR EU** | 1.19 W/kg (head) 1.17 W/kg (body) |