**iPHONE 8**

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| **Network** | [Technology](https://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](https://www.gsmarena.com/apple_iphone_8-8573.php) |
| [2G bands](https://www.gsmarena.com/network-bands.php3) | GSM 850 / 900 / 1800 / 1900 |
| [3G bands](https://www.gsmarena.com/network-bands.php3) | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100 |
| [4G bands](https://www.gsmarena.com/network-bands.php3) | 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) |
| [Speed](https://www.gsmarena.com/glossary.php3?term=3g) | HSPA 42.2/5.76 Mbps, LTE-A (3CA) Cat12 600/150 Mbps, EV-DO Rev.A 3.1 Mbps |
| [GPRS](https://www.gsmarena.com/glossary.php3?term=gprs) | Yes |
| [EDGE](https://www.gsmarena.com/glossary.php3?term=edge) | Yes |

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| **Launch** | [Announced](https://www.gsmarena.com/apple_iphone_8-8573.php) | 2017, September |
| [Status](https://www.gsmarena.com/apple_iphone_8-8573.php) | Available. Released 2017, September |

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| **Body** | [Dimensions](https://www.gsmarena.com/apple_iphone_8-8573.php) | 138.4 x 67.3 x 7.3 mm (5.45 x 2.65 x 0.29 in) |
| [Weight](https://www.gsmarena.com/apple_iphone_8-8573.php) | 148 g (5.22 oz) |
| [Build](https://www.gsmarena.com/glossary.php3?term=build) | Front/back glass, aluminum frame |
| [SIM](https://www.gsmarena.com/glossary.php3?term=sim) | Nano-SIM |
|  | - IP67 certified - dust and water resistant - Water resistant up to 1 meter and 30 minutes - Apple Pay (Visa, MasterCard, AMEX certified) |

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| **Display** | [Type](https://www.gsmarena.com/glossary.php3?term=display-type) | LED-backlit IPS LCD, capacitive touchscreen, 16M colors |
| [Size](https://www.gsmarena.com/apple_iphone_8-8573.php) | 4.7 inches, 60.9 cm2 (~65.4% screen-to-body ratio) |
| [Resolution](https://www.gsmarena.com/glossary.php3?term=resolution) | 750 x 1334 pixels, 16:9 ratio (~326 ppi density) |
| [Multitouch](https://www.gsmarena.com/glossary.php3?term=multitouch) | Yes |
| [Protection](https://www.gsmarena.com/glossary.php3?term=screen-protection) | Ion-strengthened glass, oleophobic coating |
|  | - Wide color gamut display - 3D Touch display & home button - True-tone display |

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| **Platform** | [OS](https://www.gsmarena.com/glossary.php3?term=os) | iOS 11, upgradable to iOS 11.2 |
| [Chipset](https://www.gsmarena.com/glossary.php3?term=chipset) | Apple A11 Bionic |
| [CPU](https://www.gsmarena.com/glossary.php3?term=cpu) | Hexa-core (2x Monsoon + 4x Mistral) |
| [GPU](https://www.gsmarena.com/glossary.php3?term=gpu) | Apple GPU (three-core graphics) |

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| **Memory** | [Card slot](https://www.gsmarena.com/glossary.php3?term=memory-card-slot) | No |
| [Internal](https://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 64/256 GB, 2 GB RAM |

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| **Camera** | [Primary](https://www.gsmarena.com/glossary.php3?term=camera) | 12 MP (f/1.8, 28mm), phase detection autofocus, OIS, quad-LED dual-tone flash, [check quality](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=8573&nSuggest=1) |
| [Features](https://www.gsmarena.com/glossary.php3?term=camera) | Geo-tagging, simultaneous 4K video and 8MP image recording, touch focus, face/smile detection, HDR (photo/panorama) |
| [Video](https://www.gsmarena.com/glossary.php3?term=camera) | 2160p@24/30/60fps, 1080p@30/60/120/240fps, [check quality](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=8573&nSuggest=1) |
| [Secondary](https://www.gsmarena.com/glossary.php3?term=video-call) | 7 MP, f/2.2, 1080p@30fps, 720p@240fps, face detection, HDR, panorama |

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| **Sound** | [Alert types](https://www.gsmarena.com/glossary.php3?term=call-alerts) | Vibration, proprietary ringtones |
| [Loudspeaker](https://www.gsmarena.com/glossary.php3?term=loudspeaker) | Yes, with stereo speakers |
| [3.5mm jack](https://www.gsmarena.com/glossary.php3?term=audio-jack) | No |
|  | - Active noise cancellation with dedicated mic - Lightning to 3.5 mm headphone jack adapter |

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| **Comms** | [WLAN](https://www.gsmarena.com/glossary.php3?term=wi-fi) | Wi-Fi 802.11 a/b/g/n/ac, dual-band, hotspot |
| [Bluetooth](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 5.0, A2DP, LE |
| [GPS](https://www.gsmarena.com/glossary.php3?term=gps) | Yes, with A-GPS, GLONASS, GALILEO, QZSS |
| [NFC](https://www.gsmarena.com/glossary.php3?term=nfc) | Yes (Apple Pay only) |
| [Radio](https://www.gsmarena.com/glossary.php3?term=fm-radio) | No |
| [USB](https://www.gsmarena.com/glossary.php3?term=usb) | 2.0, proprietary reversible connector |

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| **Features** | [Sensors](https://www.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (front-mounted), accelerometer, gyro, proximity, compass, barometer |
| [Messaging](https://www.gsmarena.com/glossary.php3?term=messaging) | iMessage, SMS (threaded view), MMS, Email, Push Email |
| [Browser](https://www.gsmarena.com/glossary.php3?term=browser) | HTML5 (Safari) |
| [Java](https://www.gsmarena.com/glossary.php3?term=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.265 player - Audio/video/photo editor - Document editor |

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| **Battery** |  | Non-removable Li-Ion 1821 mAh battery (6.96 Wh) |
| [Talk time](https://www.gsmarena.com/glossary.php3?term=talk-time) | Up to 14 h (3G) |
| [Music play](https://www.gsmarena.com/glossary.php3?term=music-playback-time) | Up to 40 h |

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| **Misc** | [Colors](https://www.gsmarena.com/apple_iphone_8-8573.php) | Silver, Space Gray, Gold |
| [SAR](https://www.gsmarena.com/glossary.php3?term=sar) | 1.32 W/kg (head)     1.36 W/kg (body) |
| [SAR EU](https://www.gsmarena.com/glossary.php3?term=sar) | 1.19 W/kg (head)     1.17 W/kg (body) |
| [Price](https://www.gsmarena.com/apple_iphone_8-8573.php) | About 800 EUR |

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| **Tests** | [Performance](https://www.gsmarena.com/glossary.php3?term=benchmarking) | [Basemark OS II 2.0: 3934](https://www.gsmarena.com/benchmark-test.php3?idPhone=8573#show) |
| [Display](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: 1395:1 (nominal), 3.957 (sunlight)](https://www.gsmarena.com/apple_iphone_8-review-1664p3.php#dt) |
| [Camera](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=8573&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=8573&nSuggest=1) |
| [Loudspeaker](https://www.gsmarena.com/gsmarena_lab_tests-review-751p3.php) | [Voice 71dB / Noise 77dB / Ring 80dB](https://www.gsmarena.com/apple_iphone_8-review-1664p6.php#lt) |
| [Audio quality](https://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -93.5dB / Crosstalk -80.4dB](https://www.gsmarena.com/apple_iphone_8-review-1664p7.php#aq) |
| [Battery life](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 66h](https://www.gsmarena.com/apple_iphone_8-8573.php) |
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