**iPHONE 5S**

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| **Network** | [Technology](https://www.gsmarena.com/network-bands.php3) | [GSM / CDMA / HSPA / EVDO / LTE](https://www.gsmarena.com/apple_iphone_5s-5685.php) |
| [2G bands](https://www.gsmarena.com/network-bands.php3) | GSM 850 / 900 / 1800 / 1900 - all models |
|  | CDMA 800 / 1700 / 1900 / 2100 - A1533 (CDMA), A1453 |
| [3G bands](https://www.gsmarena.com/network-bands.php3) | HSDPA 850 / 900 / 1700 / 1900 / 2100 - A1533 (GSM), A1453 |
|  | CDMA2000 1xEV-DO - A1533 (CDMA), A1453 |
|  | HSDPA 850 / 900 / 1900 / 2100 - A1457, A1530 |
| [4G bands](https://www.gsmarena.com/network-bands.php3) | LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 8(900), 13(700), 17(700), 19(800), 20(800), 25(1900) - A1533 GSM, A1533 CDMA |
|  | LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 8(900), 13(700), 17(700), 18(800), 19(800), 20(800), 25(1900), 26(850) - A1453 |
|  | LTE band 1(2100), 2(1900), 3(1800), 5(850), 7(2600), 8(900), 20(800) - A1457 |
|  | LTE band 1(2100), 2(1900), 3(1800), 5(850), 7(2600), 8(900), 20(800), 38(2600), 39(1900), 40(2300) - A1530 |
| [Speed](https://www.gsmarena.com/glossary.php3?term=3g) | HSPA 42.2/5.76 Mbps, LTE Cat3 100/50 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_5s-5685.php) | 2013, September |
| [Status](https://www.gsmarena.com/apple_iphone_5s-5685.php) | Available. Released 2013, September |

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| **Body** | [Dimensions](https://www.gsmarena.com/apple_iphone_5s-5685.php) | 123.8 x 58.6 x 7.6 mm (4.87 x 2.31 x 0.30 in) |
| [Weight](https://www.gsmarena.com/apple_iphone_5s-5685.php) | 112 g (3.95 oz) |
| [Build](https://www.gsmarena.com/glossary.php3?term=build) | Front glass, aluminum body |
| [SIM](https://www.gsmarena.com/glossary.php3?term=sim) | Nano-SIM |

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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_5s-5685.php) | 4.0 inches, 44.1 cm2 (~60.8% screen-to-body ratio) |
| [Resolution](https://www.gsmarena.com/glossary.php3?term=resolution) | 640 x 1136 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) | Corning Gorilla Glass, oleophobic coating |

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| **Platform** | [OS](https://www.gsmarena.com/glossary.php3?term=os) | iOS 7, upgradable to iOS 11.2 |
| [Chipset](https://www.gsmarena.com/glossary.php3?term=chipset) | Apple A7 |
| [CPU](https://www.gsmarena.com/glossary.php3?term=cpu) | Dual-core 1.3 GHz Cyclone (ARM v8-based) |
| [GPU](https://www.gsmarena.com/glossary.php3?term=gpu) | PowerVR G6430 (quad-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) | 16/32/64 GB, 1 GB RAM DDR3 |

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| **Camera** | [Primary](https://www.gsmarena.com/glossary.php3?term=camera) | 8 MP (f/2.2, 29mm, 1/3", 1.5 µm), autofocus, dual-LED dual-tone flash, [check quality](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=5685&nSuggest=1) |
| [Features](https://www.gsmarena.com/glossary.php3?term=camera) | Touch focus, geo-tagging, face/smile detection, HDR (photo/panorama) |
| [Video](https://www.gsmarena.com/glossary.php3?term=camera) | 1080p@30fps, 720p@120fps, [check quality](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=5685&nSuggest=1) |
| [Secondary](https://www.gsmarena.com/glossary.php3?term=video-call) | 1.2 MP (f/2.4, 31mm), 720p@30fps, face detection, HDR, FaceTime over Wi-Fi or Cellular |

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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 |
| [3.5mm jack](https://www.gsmarena.com/glossary.php3?term=audio-jack) | Yes |
|  | - 16-bit/44.1kHz audio - Active noise cancellation with dedicated mic |

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| **Comms** | [WLAN](https://www.gsmarena.com/glossary.php3?term=wi-fi) | Wi-Fi 802.11 a/b/g/n, dual-band, hotspot |
| [Bluetooth](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 4.0, A2DP |
| [GPS](https://www.gsmarena.com/glossary.php3?term=gps) | Yes, with A-GPS, GLONASS |
| [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 |
| [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 |
|  | - 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 |

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| **Battery** |  | Non-removable Li-Po 1560 mAh battery (5.92 Wh) |
| [Stand-by](https://www.gsmarena.com/glossary.php3?term=stand-by-time) | Up to 250 h (2G) / Up to 250 h (3G) |
| [Talk time](https://www.gsmarena.com/glossary.php3?term=talk-time) | Up to 10 h (2G) / Up to 10 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_5s-5685.php) | Space Gray, White/Silver, Gold |
| [SAR](https://www.gsmarena.com/glossary.php3?term=sar) | 1.12 W/kg (head)     1.18 W/kg (body) |
| [SAR EU](https://www.gsmarena.com/glossary.php3?term=sar) | 1.00 W/kg (head)     0.80 W/kg (body) |
| [Price](https://www.gsmarena.com/apple_iphone_5s-5685.php) | About 330 EUR |

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| **Tests** | [Performance](https://www.gsmarena.com/glossary.php3?term=benchmarking) | [Basemark OS II: 1077 / Basemark X: 14341](https://www.gsmarena.com/benchmark-test.php3?idPhone=5685#show) |
| [Display](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: 1219:1 (nominal) / 3.565:1 (sunlight)](https://www.gsmarena.com/apple_iphone_5s-review-994p3.php) |
| [Camera](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=5685&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=5685&nSuggest=1) |
| [Loudspeaker](https://www.gsmarena.com/gsmarena_lab_tests-review-751p3.php) | [Voice 68dB / Noise 66dB / Ring 69dB](https://www.gsmarena.com/apple_iphone_5s-review-994p6.php) |
| [Audio quality](https://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -93.6dB / Crosstalk -90.3dB](https://www.gsmarena.com/apple_iphone_5s-review-994p7.php#aq) |
| [Battery life](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 54h](https://www.gsmarena.com/apple_iphone_5s-5685.php) |
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**Disclaimer.** We cannot guarantee that the information on this page is 100% correct.