|  |  |  |
| --- | --- | --- |
| **Network** | [Technology](https://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) |
| [2G bands](https://www.gsmarena.com/network-bands.php3) | GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 - G935FD, G9350 |
| [3G bands](https://www.gsmarena.com/network-bands.php3) | HSDPA 850 / 900 / 1700(AWS) / 1900 / 2100 - G935F, G935FD, G935W8 |
|  | HSDPA 850 / 900 / 1900 / 2100 & TD-SCDMA - G9350 |
| [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), 38(2600), 39(1900), 40(2300), 41(2500) - G935F, G935FD |
|  | 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), 38(2600), 39(1900), 40(2300), 41(2500) - G9350 |
|  | 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), 29(700), 30(2300), 38(2600), 39(1900), 40(2300), 41(2500) - G935W8 |
| [Speed](https://www.gsmarena.com/glossary.php3?term=3g) | HSPA 42.2/5.76 Mbps, LTE-A (3CA) Cat9 450/50 Mbps |
| [GPRS](https://www.gsmarena.com/glossary.php3?term=gprs) | Yes |
| [EDGE](https://www.gsmarena.com/glossary.php3?term=edge) | Yes |

|  |  |  |
| --- | --- | --- |
| **Launch** | [Announced](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) | 2016, February |
| [Status](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) | Available. Released 2016, March |

|  |  |  |
| --- | --- | --- |
| **Body** | [Dimensions](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) | 150.9 x 72.6 x 7.7 mm (5.94 x 2.86 x 0.30 in) |
| [Weight](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) | 157 g (5.54 oz) |
| [Build](https://www.gsmarena.com/glossary.php3?term=build) | Front/back glass (Gorilla Glass 4), aluminum frame |
| [SIM](https://www.gsmarena.com/glossary.php3?term=sim) | Single SIM (Nano-SIM) - G935F, G935W8 Hybrid Dual SIM (Nano-SIM, dual stand-by) - G935FD |
|  | - Samsung Pay (Visa, MasterCard certified) - IP68 certified - dust/water proof over 1.5 meter and 30 minutes |

|  |  |  |
| --- | --- | --- |
| **Display** | [Type](https://www.gsmarena.com/glossary.php3?term=display-type) | Super AMOLED capacitive touchscreen, 16M colors |
| [Size](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) | 5.5 inches, 83.4 cm2 (~76.1% screen-to-body ratio) |
| [Resolution](https://www.gsmarena.com/glossary.php3?term=resolution) | 1440 x 2560 pixels, 16:9 ratio (~534 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 4 |
|  | - Always-on display - TouchWiz UI - Curved edge screen |

|  |  |  |
| --- | --- | --- |
| **Platform** | [OS](https://www.gsmarena.com/glossary.php3?term=os) | Android 6.0 (Marshmallow), upgradable to 7.0 (Nougat) |
| [Chipset](https://www.gsmarena.com/glossary.php3?term=chipset) | Qualcomm MSM8996 Snapdragon 820 - G9350 Exynos 8890 Octa - G935FD, G935F, G935W8 |
| [CPU](https://www.gsmarena.com/glossary.php3?term=cpu) | Quad-core (2x2.15 GHz Kryo & 2x1.6 GHz Kryo) - G9350 Octa-core (4x2.3 GHz Mongoose & 4x1.6 GHz Cortex-A53) - G935FD, G935F, G935W8 |
| [GPU](https://www.gsmarena.com/glossary.php3?term=gpu) | Adreno 530 - G9350 Mali-T880 MP12 - G935FD, G935F, G935W8 |

|  |  |  |
| --- | --- | --- |
| **Memory** | [Card slot](https://www.gsmarena.com/glossary.php3?term=memory-card-slot) | microSD, up to 256 GB (uses SIM 2 slot) - dual SIM model only |
| [Internal](https://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 32/64/128 GB, 4 GB RAM |

|  |  |  |
| --- | --- | --- |
| **Camera** | [Primary](https://www.gsmarena.com/glossary.php3?term=camera) | 12 MP (f/1.7, 26mm, 1/2.5", 1.4 µm, Dual Pixel PDAF), phase detection autofocus, OIS, LED flash, [check quality](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=7945&nSuggest=1) |
| [Features](https://www.gsmarena.com/glossary.php3?term=camera) | Geo-tagging, simultaneous 4K video and 9MP image recording, touch focus, face/smile detection, Auto HDR, panorama |
| [Video](https://www.gsmarena.com/glossary.php3?term=camera) | 2160p@30fps, 1080p@60fps, 720p@240fps, HDR, dual-video rec., [check quality](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=7945&nSuggest=1) |
| [Secondary](https://www.gsmarena.com/glossary.php3?term=video-call) | 5 MP (f/1.7, 22mm, 1/4.1", 1.34 µm), dual video call, Auto HDR |

|  |  |  |
| --- | --- | --- |
| **Sound** | [Alert types](https://www.gsmarena.com/glossary.php3?term=call-alerts) | Vibration; MP3, WAV ringtones |
| [Loudspeaker](https://www.gsmarena.com/glossary.php3?term=loudspeaker) | Yes |
| [3.5mm jack](https://www.gsmarena.com/glossary.php3?term=audio-jack) | Yes |
|  | - 24-bit/192kHz audio - Active noise cancellation with dedicated mic |

|  |  |  |
| --- | --- | --- |
| **Comms** | [WLAN](https://www.gsmarena.com/glossary.php3?term=wi-fi) | Wi-Fi 802.11 a/b/g/n/ac, dual-band, Wi-Fi Direct, hotspot |
| [Bluetooth](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 4.2, A2DP, LE, aptX |
| [GPS](https://www.gsmarena.com/glossary.php3?term=gps) | Yes, with A-GPS, GLONASS, BDS |
| [NFC](https://www.gsmarena.com/glossary.php3?term=nfc) | Yes |
| [Radio](https://www.gsmarena.com/glossary.php3?term=fm-radio) | No |
| [USB](https://www.gsmarena.com/glossary.php3?term=usb) | microUSB 2.0, USB Host |

|  |  |  |
| --- | --- | --- |
| **Features** | [Sensors](https://www.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (front-mounted), accelerometer, gyro, proximity, compass, barometer, heart rate, SpO2 |
| [Messaging](https://www.gsmarena.com/glossary.php3?term=messaging) | SMS(threaded view), MMS, Email, Push Mail, IM |
| [Browser](https://www.gsmarena.com/glossary.php3?term=browser) | HTML5 |
| [Java](https://www.gsmarena.com/glossary.php3?term=java) | No |
|  | - Fast battery charging (Quick Charge 2.0) - Qi/PMA wireless charging (market dependent) - ANT+ support - S-Voice natural language commands and dictation - OneDrive (115 GB cloud storage) - MP4/DivX/XviD/WMV/H.264 player - MP3/WAV/WMA/eAAC+/FLAC player - Photo/video editor - Document editor |

|  |  |  |
| --- | --- | --- |
| **Battery** |  | Non-removable Li-Ion 3600 mAh battery |
| [Talk time](https://www.gsmarena.com/glossary.php3?term=talk-time) | Up to 27 h (3G) |
| [Music play](https://www.gsmarena.com/glossary.php3?term=music-playback-time) | Up to 74 h |

|  |  |  |
| --- | --- | --- |
| **Misc** | [Colors](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) | Black, White, Gold, Silver, Pink Gold, Black Pearl, Coral Blue |
| [SAR](https://www.gsmarena.com/glossary.php3?term=sar) | 1.17 W/kg (head)     1.59 W/kg (body) |
| [SAR EU](https://www.gsmarena.com/glossary.php3?term=sar) | 0.26 W/kg (head)     0.51 W/kg (body) |
| [Price](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) | About 500 EUR |

|  |  |  |
| --- | --- | --- |
| **Tests** | [Performance](https://www.gsmarena.com/glossary.php3?term=benchmarking) | [Basemark OS II: 2107 / Basemark OS II 2.0: 2050 Basemark X: 28480](https://www.gsmarena.com/benchmark-test.php3?idPhone=7945#show) |
| [Display](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: Infinite (nominal), 4.439 (sunlight)](https://www.gsmarena.com/samsung_galaxy_s7_edge-review-1409p3.php#dt) |
| [Camera](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=7945&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=7945&nSuggest=1) |
| [Loudspeaker](https://www.gsmarena.com/gsmarena_lab_tests-review-751p3.php) | [Voice 70dB / Noise 69dB / Ring 71dB](https://www.gsmarena.com/samsung_galaxy_s7_edge-review-1409p7.php#lt) |
| [Audio quality](https://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -92.5dB / Crosstalk -92.2dB](https://www.gsmarena.com/samsung_galaxy_s7_edge-review-1409p8.php#aq) |
| [Battery life](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 92h](https://www.gsmarena.com/samsung_galaxy_s7_edge-7945.php) |

**Price:** $499.99