**LG G6**

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| **Network** | [Technology](https://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](https://www.gsmarena.com/lg_g6-8466.php) |
| [2G bands](https://www.gsmarena.com/network-bands.php3) | GSM 850 / 900 / 1800 / 1900 - SIM 1 & SIM 2 (dual-SIM model only) |
| [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), 20(800), 28(700), 38(2600), 40(2300) |
| [Speed](https://www.gsmarena.com/glossary.php3?term=3g) | HSPA 42.2/5.76 Mbps, LTE-A (3CA) Cat12 600/150 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/lg_g6-8466.php) | 2017, February |
| [Status](https://www.gsmarena.com/lg_g6-8466.php) | Available. Released 2017, March |

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| **Body** | [Dimensions](https://www.gsmarena.com/lg_g6-8466.php) | 148.9 x 71.9 x 7.9 mm (5.86 x 2.83 x 0.31 in) |
| [Weight](https://www.gsmarena.com/lg_g6-8466.php) | 163 g (5.75 oz) |
| [Build](https://www.gsmarena.com/glossary.php3?term=build) | Front/back glass (Gorilla Glass 5), aluminum frame |
| [SIM](https://www.gsmarena.com/glossary.php3?term=sim) | Single SIM (Nano-SIM) or Hybrid Dual SIM (Nano-SIM, dual stand-by) |
|  | - IP68 certified - dust/water proof over 1.5 meter and 30 minutes - Water resistant up to 1 meter and 30 minutes - MIL-STD-810G compliant |

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| **Display** | [Type](https://www.gsmarena.com/glossary.php3?term=display-type) | IPS LCD capacitive touchscreen, 16M colors |
| [Size](https://www.gsmarena.com/lg_g6-8466.php) | 5.7 inches, 84.1 cm2 (~78.6% screen-to-body ratio) |
| [Resolution](https://www.gsmarena.com/glossary.php3?term=resolution) | 1440 x 2880 pixels, 18:9 ratio (~564 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 3 |
|  | - Dolby Vision/HDR10 compliant - Always-on display - LG UX 6.0 UI |

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| **Platform** | [OS](https://www.gsmarena.com/glossary.php3?term=os) | Android 7.0 (Nougat) |
| [Chipset](https://www.gsmarena.com/glossary.php3?term=chipset) | Qualcomm MSM8996 Snapdragon 821 |
| [CPU](https://www.gsmarena.com/glossary.php3?term=cpu) | Quad-core (2x2.35 GHz Kryo & 2x1.6 GHz Kryo) |
| [GPU](https://www.gsmarena.com/glossary.php3?term=gpu) | Adreno 530 |

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| **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 |

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| **Camera** | [Primary](https://www.gsmarena.com/glossary.php3?term=camera) | Dual: 13 MP (f/1.8, 1/3", 1.12 µm, 3-axis OIS, PDAF) + 13 MP (f/2.4, no AF), phase detection autofocus, dual-LED flash, [check quality](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=8466&nSuggest=1) |
| [Features](https://www.gsmarena.com/glossary.php3?term=camera) | Geo-tagging, touch focus, face detection, HDR |
| [Video](https://www.gsmarena.com/glossary.php3?term=camera) | 2160p@30fps, 1080p@30/60fps, HDR, 24-bit/192kHz stereo sound rec., [check quality](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=8466&nSuggest=1) |
| [Secondary](https://www.gsmarena.com/glossary.php3?term=video-call) | 5 MP, f/2.2, 1080p |

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| **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 |
|  | - 32-bit/192kHz 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/ac, dual-band, Wi-Fi Direct, DLNA, hotspot |
| [Bluetooth](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 4.2, A2DP, LE, aptX HD |
| [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) | FM radio (market dependent) |
| [USB](https://www.gsmarena.com/glossary.php3?term=usb) | 3.1, Type-C 1.0 reversible connector, USB On-The-Go |

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| **Features** | [Sensors](https://www.gsmarena.com/glossary.php3?term=sensors) | Fingerprint (rear-mounted), accelerometer, gyro, proximity, compass, barometer |
| [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 |
|  | - WPC&PMA wireless charging (US version only) - Fast battery charging: 50% in 30 min (Quick Charge 3.0) - MP4/DviX/XviD/H.265 player - MP3/WAV/FLAC/eAAC+ player - Photo/video editor - Document editor |

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| **Battery** |  | Non-removable Li-Po 3300 mAh battery |
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| **Misc** | [Colors](https://www.gsmarena.com/lg_g6-8466.php) | Mystic white, astro black, ice platinum, terra gold, marine blue, mystic white |
| [SAR](https://www.gsmarena.com/glossary.php3?term=sar) | 0.65 W/kg (head)     1.23 W/kg (body) |
| [SAR EU](https://www.gsmarena.com/glossary.php3?term=sar) | 0.23 W/kg (head)     0.15 W/kg (body) |
| [Price](https://www.gsmarena.com/lg_g6-8466.php) | About 430 EUR |

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| **Tests** | [Performance](https://www.gsmarena.com/glossary.php3?term=benchmarking) | [Basemark OS II: 2291 / Basemark OS II 2.0: 2126 Basemark X: 30507](https://www.gsmarena.com/benchmark-test.php3?idPhone=8466#show) |
| [Display](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: 2053 (nominal), 3.556 (sunlight)](https://www.gsmarena.com/lg_g6-review-1590p3.php) |
| [Camera](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=8466&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=8466&nSuggest=1) |
| [Loudspeaker](https://www.gsmarena.com/gsmarena_lab_tests-review-751p3.php) | [Voice 66dB / Noise 68dB / Ring 74dB](https://www.gsmarena.com/lg_g6-review-1590p6.php) |
| [Audio quality](https://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -93.3dB / Crosstalk -94.4dB](https://www.gsmarena.com/lg_g6-review-1590p7.php#aq) |
| [Battery life](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 72h](https://www.gsmarena.com/lg_g6-8466.php) |
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