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| **NETWORK** | [**Technology**](https://www.gsmarena.com/network-bands.php3) | [GSM / CDMA / HSPA / EVDO / LTE](https://www.gsmarena.com/apple_iphone_11_pro_max-9846.php) |
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| **LAUNCH** | [**Announced**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | 2019, September 10 |
| [**Status**](https://www.gsmarena.com/glossary.php3?term=phone-life-cycle) | Available. Released 2019, September 20 |

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| **BODY** | [**Dimensions**](https://www.gsmarena.com/apple_iphone_11_pro_max-9846.php) | 158 x 77.8 x 8.1 mm (6.22 x 3.06 x 0.32 in) |
| [**Weight**](https://www.gsmarena.com/apple_iphone_11_pro_max-9846.php) | 226 g (7.97 oz) |
| [**Build**](https://www.gsmarena.com/glossary.php3?term=build) | Glass front (Gorilla Glass), glass back (Gorilla Glass), stainless steel frame |
| [**SIM**](https://www.gsmarena.com/glossary.php3?term=sim) | Single SIM (Nano-SIM and/or eSIM) or Dual SIM (Nano-SIM, dual stand-by) - for China |
|  | IP68 dust/water resistant (up to 4m for 30 mins) Apple Pay (Visa, MasterCard, AMEX certified) |

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| **DISPLAY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=display-type) | Super Retina XDR OLED capacitive touchscreen, 16M colors |
| [**Size**](https://www.gsmarena.com/apple_iphone_11_pro_max-9846.php) | 6.5 inches, 102.9 cm2 (~83.7% screen-to-body ratio) |
| [**Resolution**](https://www.gsmarena.com/glossary.php3?term=resolution) | 1242 x 2688 pixels, 19.5:9 ratio (~458 ppi density) |
| [**Protection**](https://www.gsmarena.com/glossary.php3?term=screen-protection) | Scratch-resistant glass, oleophobic coating |
|  | 800 nits max brightness (advertised) Dolby Vision HDR10 Wide color gamut True-tone 120Hz touch-sensing |

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| **PLATFORM** | [**OS**](https://www.gsmarena.com/glossary.php3?term=os) | iOS 13, upgradable to iOS 13.6.1 |
| [**Chipset**](https://www.gsmarena.com/glossary.php3?term=chipset) | Apple A13 Bionic (7 nm+) |
| [**CPU**](https://www.gsmarena.com/glossary.php3?term=cpu) | Hexa-core (2x2.65 GHz Lightning + 4x1.8 GHz Thunder) |
| [**GPU**](https://www.gsmarena.com/glossary.php3?term=gpu) | Apple GPU (4-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) | 64GB 4GB RAM, 256GB 4GB RAM, 512GB 4GB RAM |
|  | NVMe |

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| **MAIN CAMERA** | [**Triple**](https://www.gsmarena.com/glossary.php3?term=camera) | 12 MP, f/1.8, 26mm (wide), 1/2.55", 1.4µm, dual pixel PDAF, OIS 12 MP, f/2.0, 52mm (telephoto), 1/3.4", 1.0µm, PDAF, OIS, 2x optical zoom 12 MP, f/2.4, 13mm (ultrawide), 1/3.6" |
| [**Features**](https://www.gsmarena.com/glossary.php3?term=camera) | Quad-LED dual-tone flash, HDR (photo/panorama) |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=camera) | 4K@24/30/60fps, 1080p@30/60/120/240fps, HDR, stereo sound rec. |

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| **SELFIE CAMERA** | [**Dual**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 12 MP, f/2.2, 23mm (wide), 1/3.6" SL 3D, (depth/biometrics sensor) |
| [**Features**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | HDR |
| [**Video**](https://www.gsmarena.com/glossary.php3?term=secondary-camera) | 4K@24/30/60fps, 1080p@30/60/120fps, gyro-EIS |

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| **SOUND** | [**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 |

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| **COMMS** | [**WLAN**](https://www.gsmarena.com/glossary.php3?term=wi-fi) | Wi-Fi 802.11 a/b/g/n/ac/6, 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 |
| [**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) | Face ID, accelerometer, gyro, proximity, compass, barometer |
|  | Siri natural language commands and dictation |

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| **BATTERY** | [**Type**](https://www.gsmarena.com/glossary.php3?term=rechargeable-battery-types) | Li-Ion 3969 mAh, non-removable (15.04 Wh) |
| [**Charging**](https://www.gsmarena.com/glossary.php3?term=battery-charging) | Fast charging 18W, 50% in 30 min (advertised) USB Power Delivery 2.0 Qi wireless charging |
| [**Talk time**](https://www.gsmarena.com/glossary.php3?term=talk-time) | Up to 20 h (multimedia) |
| [**Music play**](https://www.gsmarena.com/glossary.php3?term=music-playback-time) | Up to 80 h |

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| **MISC** | [**Colors**](https://www.gsmarena.com/glossary.php3?term=build) | Matte Space Gray, Matte Silver, Matte Gold, Matte Midnight Green |
| [**Models**](https://www.gsmarena.com/glossary.php3?term=models) | A2218, A2161, A2220 |
| [**SAR**](https://www.gsmarena.com/glossary.php3?term=sar) | 1.16 W/kg (head)     1.17 W/kg (body) |
| [**SAR EU**](https://www.gsmarena.com/glossary.php3?term=sar) | 0.95 W/kg (head)     0.99 W/kg (body) |
| [**Price**](https://www.gsmarena.com/glossary.php3?term=price) | [$ 1,009.99 / € 934.92 / £ 849.00 / ₹ 109,099](https://www.gsmarena.com/apple_iphone_11_pro_max-price-9846.php) |

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| **TESTS** | [**Performance**](https://www.gsmarena.com/glossary.php3?term=benchmarking) | AnTuTu: 459713 (v7), 536883 (v8) GeekBench: 13870 (v4.4), 3503 (v5.1) GFXBench: 57fps (ES 3.1 onscreen) |
| [**Display**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: Infinite (nominal)](https://www.gsmarena.com/apple_iphone_11_pro_max-review-1991p3.php#dt) |
| [**Camera**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=9846&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=9846&nSuggest=1) |
| [**Loudspeaker**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p7.php) | [Voice 71dB / Noise 74dB / Ring 79dB](https://www.gsmarena.com/apple_iphone_11_pro_max-review-1991p3.php#lt) |
| [**Audio quality**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -94.3dB / Crosstalk -81.5dB](https://www.gsmarena.com/apple_iphone_11_pro_max-review-1991p3.php#aq) |
| [**Battery life**](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 102h](https://www.gsmarena.com/apple_iphone_11_pro_max-9846.php) |