**LUMIA 950**

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| **Network** | [Technology](https://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](https://www.gsmarena.com/microsoft_lumia_950-7262.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), 17(700), 20(800), 28(700), 38(2600), 40(2300) - EMEA |
|  | LTE band 1(2100), 2(1900), 3(1800), 4(1700/2100), 5(850), 7(2600), 8(900), 12(700), 17(700), 20(800), 28(700), 38(2600), 40(2300), 41(2500) - USA |
| [Speed](https://www.gsmarena.com/glossary.php3?term=3g) | HSPA 42.2/5.76 Mbps, LTE-A Cat6 300/50 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/microsoft_lumia_950-7262.php) | 2015, October |
| [Status](https://www.gsmarena.com/microsoft_lumia_950-7262.php) | Available. Released 2015, November |

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| **Body** | [Dimensions](https://www.gsmarena.com/microsoft_lumia_950-7262.php) | 145 x 73.2 x 8.2 mm (5.71 x 2.88 x 0.32 in) |
| [Weight](https://www.gsmarena.com/microsoft_lumia_950-7262.php) | 150 g (5.29 oz) |
| [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) | AMOLED capacitive touchscreen, 16M colors |
| [Size](https://www.gsmarena.com/microsoft_lumia_950-7262.php) | 5.2 inches, 74.8 cm2 (~70.5% screen-to-body ratio) |
| [Resolution](https://www.gsmarena.com/glossary.php3?term=resolution) | 1440 x 2560 pixels, 16:9 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 |
|  | - ClearBlack display |

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| **Platform** | [OS](https://www.gsmarena.com/glossary.php3?term=os) | Microsoft Windows 10 |
| [Chipset](https://www.gsmarena.com/glossary.php3?term=chipset) | Qualcomm MSM8992 Snapdragon 808 |
| [CPU](https://www.gsmarena.com/glossary.php3?term=cpu) | Hexa-core (4x1.4 GHz Cortex-A53 & 2x1.8 GHz Cortex-A57) |
| [GPU](https://www.gsmarena.com/glossary.php3?term=gpu) | Adreno 418 |

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| **Memory** | [Card slot](https://www.gsmarena.com/glossary.php3?term=memory-card-slot) | microSD, up to 256 GB (dedicated slot) |
| [Internal](https://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 32 GB, 3 GB RAM |

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| **Camera** | [Primary](https://www.gsmarena.com/glossary.php3?term=camera) | 20 MP (f/1.9, 26mm, 1/2.4", 1.12 µm), Carl Zeiss optics, OIS, autofocus, triple-LED RGB flash, [check quality](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=7262&nSuggest=1) |
| [Features](https://www.gsmarena.com/glossary.php3?term=camera) | Geo-tagging, face detection, panorama, HDR, PureView |
| [Video](https://www.gsmarena.com/glossary.php3?term=camera) | 2160p@30fps, stereo sound rec., 1080p@30/60fps (after SW update), [check quality](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=7262&nSuggest=1) |
| [Secondary](https://www.gsmarena.com/glossary.php3?term=video-call) | 5 MP, f/2.4, 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 |
|  | - 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, hotspot |
| [Bluetooth](https://www.gsmarena.com/glossary.php3?term=bluetooth) | 4.1, A2DP |
| [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 |
| [USB](https://www.gsmarena.com/glossary.php3?term=usb) | 3.1, Type-C 1.0 reversible connector |

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| **Features** | [Sensors](https://www.gsmarena.com/glossary.php3?term=sensors) | Iris scanner, accelerometer, gyro, proximity, compass, barometer, sensor core |
| [Messaging](https://www.gsmarena.com/glossary.php3?term=messaging) | SMS (threaded view), MMS, Email, Push Email, IM |
| [Browser](https://www.gsmarena.com/glossary.php3?term=browser) | HTML5 |
| [Java](https://www.gsmarena.com/glossary.php3?term=java) | No |
|  | - Microsoft Continuum support - Qi wireless charging (market dependent) - Fast charging - MP3/WAV/eAAC+ player - MP4/H.265 player - OneDrive (15 GB cloud storage) - Document viewer - Video/photo editor |

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| **Battery** |  | Removable Li-Ion 3000 mAh battery |
| [Stand-by](https://www.gsmarena.com/glossary.php3?term=stand-by-time) | Up to 288 h (2G) / Up to 288 h (3G) |
| [Talk time](https://www.gsmarena.com/glossary.php3?term=talk-time) | Up to 23 h (2G) / Up to 18 h (3G) |
| [Music play](https://www.gsmarena.com/glossary.php3?term=music-playback-time) | Up to 67 h |

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| **Misc** | [Colors](https://www.gsmarena.com/microsoft_lumia_950-7262.php) | Black, White |
| [Price](https://www.gsmarena.com/microsoft_lumia_950-7262.php) | About 280 EUR |

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| **Tests** | [Performance](https://www.gsmarena.com/glossary.php3?term=benchmarking) | [Basemark OS II 2.0: 1281 / Basemark X: 26330](https://www.gsmarena.com/benchmark-test.php3?idPhone=7262#show) |
| [Display](https://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: Infinite (nominal), 3512 (sunlight)](https://www.gsmarena.com/microsoft_lumia_950-review-1347p3.php#dt) |
| [Camera](https://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](https://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=7262&nSuggest=1) / [Video](https://www.gsmarena.com/vidcmp.php3?idType=3&idPhone1=7262&nSuggest=1) |
| [Loudspeaker](https://www.gsmarena.com/gsmarena_lab_tests-review-751p3.php) | [Voice 71dB / Noise 73dB / Ring 77dB](https://www.gsmarena.com/microsoft_lumia_950-review-1347p6.php#lt) |
| [Audio quality](https://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -91.3dB / Crosstalk -91.6dB](https://www.gsmarena.com/microsoft_lumia_950-review-1347p7.php#aq) |
| [Battery life](https://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 48h](https://www.gsmarena.com/microsoft_lumia_950-7262.php) |
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