Sony Xperia Z3

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| NETWORK | [**Technology**](http://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](http://www.gsmarena.com/sony_xperia_z3-6539.php) |
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| LAUNCH | [**Announced**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | 2014, September |
| [**Status**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | Available. Released 2014, September |

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| BODY | [**Dimensions**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | 146 x 72 x 7.3 mm (5.75 x 2.83 x 0.29 in) |
| [**Weight**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | 152 g (5.36 oz) |
| [**SIM**](http://www.gsmarena.com/glossary.php3?term=sim) | Nano-SIM |
|  | - IP68 certified - dust proof and water resistant over 1 meter and 30 minutes |

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| DISPLAY | [**Type**](http://www.gsmarena.com/glossary.php3?term=display-type) | IPS LCD capacitive touchscreen, 16M colors |
| [**Size**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | 5.2 inches (~70.9% screen-to-body ratio) |
| [**Resolution**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | 1080 x 1920 pixels (~424 ppi pixel density) |
| [**Multitouch**](http://www.gsmarena.com/glossary.php3?term=multitouch) | Yes, up to 10 fingers |
| [**Protection**](http://www.gsmarena.com/glossary.php3?term=screen-protection) | Shatter proof glass |
|  | - Triluminos display - X-Reality Engine |

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| PLATFORM | [**OS**](http://www.gsmarena.com/glossary.php3?term=os) | Android OS, v4.4.4 (KitKat), planned upgrade to v5.0 (Lollipop) |
| [**Chipset**](http://www.gsmarena.com/glossary.php3?term=chipset) | Qualcomm MSM8974AC Snapdragon 801 |
| [**CPU**](http://www.gsmarena.com/glossary.php3?term=cpu) | Quad-core 2.5 GHz Krait 400 |
| [**GPU**](http://www.gsmarena.com/glossary.php3?term=gpu) | Adreno 330 |

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| MEMORY | [**Card slot**](http://www.gsmarena.com/glossary.php3?term=memory-card-slot) | microSD, up to 128 GB |
| [**Internal**](http://www.gsmarena.com/glossary.php3?term=dynamic-memory) | 16/32 GB, 3 GB RAM |

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| CAMERA | [**Primary**](http://www.gsmarena.com/glossary.php3?term=camera) | 20.7 MP, 5248 х 3936 pixels, autofocus, LED flash,[check quality](http://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=6539&nSuggest=1) |
| [**Features**](http://www.gsmarena.com/glossary.php3?term=camera) | 1/2.3'' sensor size, geo-tagging, touch focus, face detection, HDR, panorama |
| [**Video**](http://www.gsmarena.com/glossary.php3?term=camera) | 2160p@30fps, 1080p@60fps, 720p@120fps, HDR,[check quality](http://www.gsmarena.com/vidcmp.php3?idType=1&idPhone1=6539&nSuggest=1) |
| [**Secondary**](http://www.gsmarena.com/glossary.php3?term=video-call) | 2.2 MP, 1080p@30fps |

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| SOUND | [**Alert types**](http://www.gsmarena.com/glossary.php3?term=call-alerts) | Vibration; MP3, WAV ringtones |
| [**Loudspeaker**](http://www.gsmarena.com/glossary.php3?term=loudspeaker) | Yes, with stereo speakers |
| [**3.5mm jack**](http://www.gsmarena.com/glossary.php3?term=audio-jack) | Yes |

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| COMMS | [**WLAN**](http://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**](http://www.gsmarena.com/glossary.php3?term=bluetooth) | v4.0, A2DP, apt-X |
| [**GPS**](http://www.gsmarena.com/glossary.php3?term=gps) | Yes, with A-GPS, GLONASS, Beidou |
| [**NFC**](http://www.gsmarena.com/glossary.php3?term=nfc) | Yes |
| [**Radio**](http://www.gsmarena.com/glossary.php3?term=fm-radio) | FM radio with RDS |
| [**USB**](http://www.gsmarena.com/glossary.php3?term=usb) | microUSB v2.0 (MHL 3 TV-out), USB Host |

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| FEATURES | [**Sensors**](http://www.gsmarena.com/glossary.php3?term=sensors) | Accelerometer, gyro, proximity, compass, barometer |
| [**Messaging**](http://www.gsmarena.com/glossary.php3?term=messaging) | SMS (threaded view), MMS, Email, IM, Push Email |
| [**Browser**](http://www.gsmarena.com/glossary.php3?term=browser) | HTML5 |
| [**Java**](http://www.gsmarena.com/glossary.php3?term=java) | Yes, via Java MIDP emulator |
|  | - Fast battery charging: 60% in 30 min (Quick Charge 2.0) - ANT+ support - Active noise cancellation with dedicated mic - Xvid/MP4/H.264 player - MP3/eAAC+/WAV/Flac player - Document viewer - Photo viewer/editor - Voice memo/dial |

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| BATTERY |  | Non-removable Li-Ion 3100 mAh battery |
| [**Stand-by**](http://www.gsmarena.com/glossary.php3?term=stand-by-time) | Up to 890 h (2G) / Up to 740 h (3G) |
| [**Talk time**](http://www.gsmarena.com/glossary.php3?term=talk-time) | Up to 14 h (2G) / Up to 16 h (3G) |
| [**Music play**](http://www.gsmarena.com/glossary.php3?term=music-playback-time) | Up to 130 h |

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| MISC | [**Colors**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | Black, White, Copper, Silver Green, Purple |
| [**SAR US**](http://www.gsmarena.com/glossary.php3?term=sar) | 0.80 W/kg (head)     1.44 W/kg (body) |
| [**SAR EU**](http://www.gsmarena.com/glossary.php3?term=sar) | 0.62 W/kg (head)     0.65 W/kg (body) |
| [**Price group**](http://www.gsmarena.com/sony_xperia_z3-6539.php) | http://cdn2.gsmarena.com/vv/price/pg8.gif |

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| TESTS | [**Performance**](http://www.gsmarena.com/glossary.php3?term=benchmarking) | [Basemark OS II: 1109 / Basemark X: 12637](http://www.gsmarena.com/benchmark-test.php3?idPhone=6539#show) |
| [**Display**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: 1333:1 (nominal), 2.618 (sunlight)](http://www.gsmarena.com/sony_xperia_z3-review-1140p3.php) |
| [**Camera**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](http://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=6539&nSuggest=1) / [Video](http://www.gsmarena.com/vidcmp.php3?idType=1&idPhone1=6539&nSuggest=1) |
| [**Loudspeaker**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p3.php) | [Voice 69dB / Noise 66dB / Ring 67dB](http://www.gsmarena.com/sony_xperia_z3-review-1140p6.php) |
| [**Audio quality**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -86.4dB / Crosstalk -86.6dB](http://www.gsmarena.com/sony_xperia_z3-review-1140p7.php) |
| [**Battery life**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 85h](http://www.gsmarena.com/sony_xperia_z3-6539.php) |