Samsung Galaxy Note 4

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| NETWORK | [**Technology**](http://www.gsmarena.com/network-bands.php3) | [GSM / HSPA / LTE](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) |
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| LAUNCH | [**Announced**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | 2014, September |
| [**Status**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | Available. Released 2014, October |

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| BODY | [**Dimensions**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | 153.5 x 78.6 x 8.5 mm (6.04 x 3.09 x 0.33 in) |
| [**Weight**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | 176 g (6.21 oz) |
| [**SIM**](http://www.gsmarena.com/glossary.php3?term=sim) | Micro-SIM |
|  | - Fingerprint sensor (PayPal certified) - S Pen stylus |

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| DISPLAY | [**Type**](http://www.gsmarena.com/glossary.php3?term=display-type) | Super AMOLED capacitive touchscreen, 16M colors |
| [**Size**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | 5.7 inches (~74.2% screen-to-body ratio) |
| [**Resolution**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | 1440 x 2560 pixels (~515 ppi pixel density) |
| [**Multitouch**](http://www.gsmarena.com/glossary.php3?term=multitouch) | Yes |
| [**Protection**](http://www.gsmarena.com/glossary.php3?term=screen-protection) | Corning Gorilla Glass 4 |

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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 Snapdragon 805 (SM-N910S) Exynos 5433 (SM-N910C) |
| [**CPU**](http://www.gsmarena.com/glossary.php3?term=cpu) | Quad-core 2.7 GHz Krait 450 (SM-N910S) Quad-core 1.3 GHz Cortex-A53 & Quad-core 1.9 GHz Cortex-A57 (SM-N910C) |
| [**GPU**](http://www.gsmarena.com/glossary.php3?term=gpu) | Adreno 420 (SM-N910S) Mali-T760 (SM-N910C) |

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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) | 32 GB, 3 GB RAM |

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| CAMERA | [**Primary**](http://www.gsmarena.com/glossary.php3?term=camera) | 16 MP, 5312 x 2988 pixels, optical image stabilization, autofocus, LED flash, [check quality](http://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=6434&nSuggest=1) |
| [**Features**](http://www.gsmarena.com/glossary.php3?term=camera) | Dual Shot, Simultaneous HD video and image recording, geo-tagging, touch focus, face/smile detection, panorama, HDR |
| [**Video**](http://www.gsmarena.com/glossary.php3?term=camera) | 2160p@30fps, 1080p@60fps, optical stabilization, dual-video rec., [check quality](http://www.gsmarena.com/vidcmp.php3?idType=1&idPhone1=6434&nSuggest=1) |
| [**Secondary**](http://www.gsmarena.com/glossary.php3?term=video-call) | 3.7 MP, 1440p |

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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 |
| [**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, hotspot |
| [**Bluetooth**](http://www.gsmarena.com/glossary.php3?term=bluetooth) | v4.1, A2DP, EDR, LE |
| [**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 |
| [**Infrared port**](http://www.gsmarena.com/glossary.php3?term=irda) | Yes |
| [**Radio**](http://www.gsmarena.com/glossary.php3?term=fm-radio) | No |
| [**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, gesture, UV, heart rate, SpO2 |
| [**Messaging**](http://www.gsmarena.com/glossary.php3?term=messaging) | SMS(threaded view), MMS, Email, Push Mail, IM |
| [**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 - S-Voice natural language commands and dictation - Air gestures - Dropbox (50 GB cloud storage) - Active noise cancellation with dedicated mic - MP4/DivX/XviD/WMV/H.264 player - MP3/WAV/eAAC+/AC3/FLAC player - Photo/video editor - Document editor |

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| BATTERY |  | Li-Ion 3220 mAh battery |
| [**Stand-by**](http://www.gsmarena.com/glossary.php3?term=stand-by-time) |  |
| [**Talk time**](http://www.gsmarena.com/glossary.php3?term=talk-time) | Up to 20 h (3G) |
| [**Music play**](http://www.gsmarena.com/glossary.php3?term=music-playback-time) | Up to 82 h |

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| MISC | [**Colors**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | Frosted white, Charcoal black, Bronze Gold, Blossom Pink |
| [**SAR US**](http://www.gsmarena.com/glossary.php3?term=sar) | 0.37 W/kg (head)     0.88 W/kg (body) |
| [**SAR EU**](http://www.gsmarena.com/glossary.php3?term=sar) | 0.37 W/kg (head)     0.38 W/kg (body) |
| [**Price group**](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) | http://cdn2.gsmarena.com/vv/price/pg9.gif |

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| TESTS | [**Performance**](http://www.gsmarena.com/glossary.php3?term=benchmarking) | [Basemark OS II: 1181 / Basemark OS II 2.0: 1328 Basemark X: 18684](http://www.gsmarena.com/benchmark-test.php3?idPhone=6434#show) |
| [**Display**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p2.php) | [Contrast ratio: Infinity (nominal), 4.033 (sunlight)](http://www.gsmarena.com/samsung_galaxy_note_4-review-1147p3.php) |
| [**Camera**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p5.php) | [Photo](http://www.gsmarena.com/piccmp.php3?idType=1&idPhone1=6434&nSuggest=1) / [Video](http://www.gsmarena.com/vidcmp.php3?idType=1&idPhone1=6434&nSuggest=1) |
| [**Loudspeaker**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p3.php) | [Voice 74dB / Noise 73dB / Ring 81dB](http://www.gsmarena.com/samsung_galaxy_note_4-review-1147p6.php) |
| [**Audio quality**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p4.php) | [Noise -96.6dB / Crosstalk -94.2dB](http://www.gsmarena.com/samsung_galaxy_note_4-review-1147p7.php) |
| [**Battery life**](http://www.gsmarena.com/gsmarena_lab_tests-review-751p6.php) | [Endurance rating 90h](http://www.gsmarena.com/samsung_galaxy_note_4-6434.php) |