

# nexus one™



## Size and weight

Height	119mm
Width	59.8mm
Depth	11.5mm
Weight	130 grams w/battery 100g w/o battery

## Display

3.7-inch (diagonal) widescreen WVGA AMOLED touchscreen  
800 x 480 pixels  
100,000:1 typical contrast ratio  
1ms typical response rate

## Camera & Flash

5 megapixels  
Autofocus from 6cm to infinity  
2X digital zoom  
LED flash  
User can include location of photos from phone's AGPS receiver  
Video captured at 720x480 pixels at 20 frames per second or higher, depending on lighting conditions

## Cellular & Wireless

UMTS Band 1/4/8 (2100/AWS/900)  
HSDPA 7.2Mbps  
HSUPA 2Mbps  
GSM/EDGE (850, 900, 1800, 1900 MHz)  
Wi-Fi (802.11b/g)  
Bluetooth 2.1 + EDR  
A2DP stereo Bluetooth

## Power and battery

Removable 1400 mAh battery  
Charges at 480mA from USB, at 980mA from supplied charger

Talk time	Up to 10 hours on 2G Up to 7 hours on 3G
Standby time	Up to 290 hours on 2G Up to 250 hours on 3G
Internet use	Up to 5 hours on 3G Up to 6.5 hours on Wi-Fi
Video playback	Up to 7 hours
Audio playback	Up to 20 hours

## Processor

Qualcomm QSD 8250 1 GHz

## Operating system

Android Mobile Technology Platform 2.1 (Eclair)

## Capacity

512MB Flash  
512MB RAM  
4GB Micro SD Card (Expandable to 32 GB)

## Location

Assisted global positioning system (AGPS) receiver  
Cell tower and Wi-Fi positioning  
Digital compass  
Accelerometer

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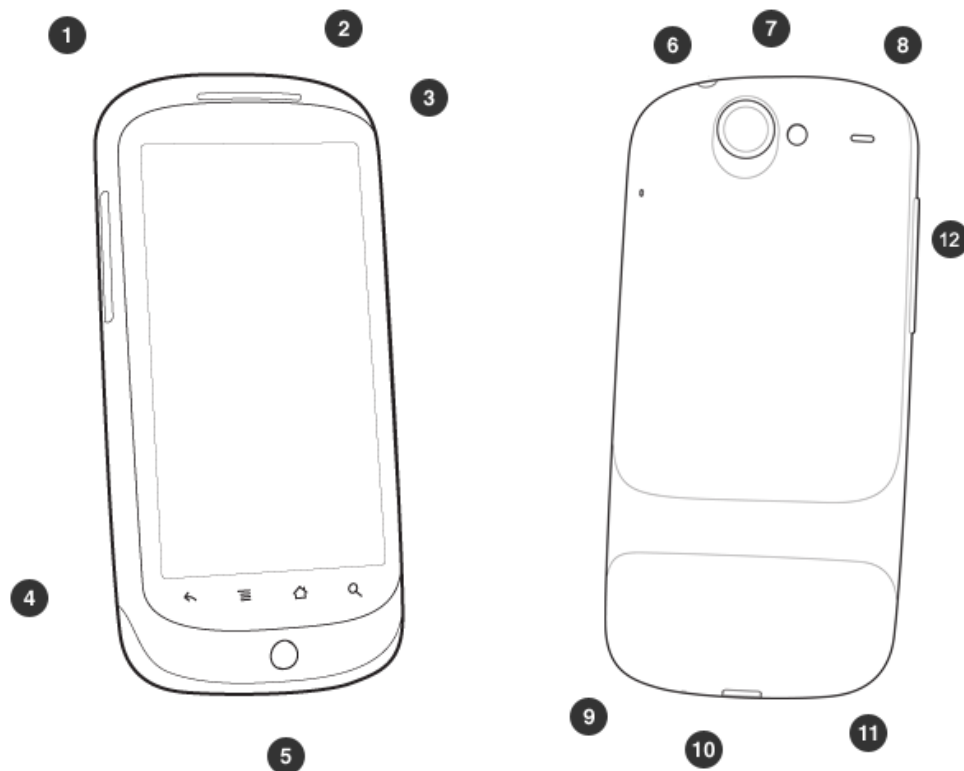
## Buttons, connectors and controls

### Front / Top

- [1] Power
- [2] 3.5mm stereo headphone jack
- [3] Charging and notification indicator
- [4] Illuminated capacitive soft keys: Back, Home, Menu, and Search
- [5] Tri-color clickable trackball

### Back / Bottom

- [6] Camera
- [7] Camera flash



- [8] Speaker
- [9] Dock pin connectors
- [10] Micro USB port
- [11] Microphone

Left side

- [12] Volume Control

Additional features

- Haptic feedback
- Teflon™ coated back
- Second microphone for active noise cancellation
- SIM card slot
- Micro SD slot
- Proximity sensor
- Light sensor

## Graphics, video and audio

Image JPEG (encode and decode), GIF, PNG, BMP  
 Video H.263 (encode and decode) MPEG-4 SP (encode and decode) H.264 AVC (decode)

Audio encoders AMR-NB 4.75 to 12.2 kbps sampled @ 8kHz

Audio decoders AAC LC/LTP, HE-AACv1 (AAC+), HE-AACv2 (enhanced AAC+) Mono/Stereo standard bit rates up to 160 kbps and sampling rates from 8 to 48kHz, AMR-NB 4.75 to 12.2 kbps sampled @ 8kHz, AMR-WB 9 rates from 6.60 kbit/s to 23.85 kbit/s sampled @ 16kHz., MP3 Mono/Stereo 8-320Kbps constant (CBR) or variable bit-rate (VBR), MIDI SMF (Type 0 and 1), DLS Version 1 and 2, XMF/Mobile XMF, RTTTL/RTX, OTA, iMelody, Ogg Vorbis, WAVE (8-bit and 16-bit PCM)

## Language support

Keyboard English (U.S), French (France), German, Italian, Spanish, Portuguese (Brazil), Display

English (U.S), French (France), German, Traditional Chinese, Simplified Chinese, Italian, Spanish, Portuguese (Brazil), Korean, Japanese, Russian,