



# Nokia N97 Data Sheet

## Planned Market Introduction

- 1<sup>st</sup> half 2009

## Category

- Explore

## Internet

- Easy and fast connections to internet services
- Easy text input with QWERTY keyboard and touch screen
- 3.5 inch sliding tilt display
- Live personalized home screen with widgets
- Up-to-date information via RSS feed
- Fully compatible with Ovi services
- Browse real web pages
- Take pictures and videos and share them immediately

## Video and TV

- Watch high-quality video on the large 3.5 inch 16:9 widescreen
- Video playback at 30 fps, for a wide array of formats
- Play videos, music and pictures on TV using TV-out
- Access internet video feeds through Nokia Video Center

## Music

- Enjoy great audio through standard 3.5 mm jack headphones, built-in stereo speakers or Bluetooth technology
- Digital music player with support for playlist editing, equalizer and categorized access to your music collection
- Search, browse and purchase songs online in Nokia Music Store (for availability, please visit [www.music.nokia.com](http://www.music.nokia.com))

## Maps and Navigation

- Nokia Maps with integrated compass and A-GPS receiver
- Multimedia city guides and navigation services. Drive: voice guided car navigation, or Walk: pedestrian-optimized turn-by-turn guidance. (Navigation may need to be purchased separately.)

## Games

- World-class game titles with N-Gage

Note: Features and services may be offered as upgrade or for purchase

## Technical Profile

**System:** WCDMA 900/1900/2100 (HSDPA), EGSM 850/900/1800/1900 MHz

**User Interface:** S60 5th Edition

**Dimensions:** 117.2 x 55.3 x 15.9 mm\* mm (L x W x H)  
\*18.25 mm at camera area

**Weight:** Approx. 150 g

**Display:** 3.5 inch TFT with up to 16 million colors nHD 16:9 widescreen (640x360 pixels)

**Battery:** Nokia Battery BP-4L, 1500 mAh

## Media

**Memory:** Up to 48GB  
(32 GB on-board memory, plus 16GB expansion via microSD memory card slot)

**Video playback:** H.264/AVC: baseline profile, CIF 30fps 768kbps, MPEG-4/SP: VGA 30fps 4Mbps  
RealVideo: Flash lite 3.0, up to QCIF@30fps, 15fps video playback in browser  
Youtube.com over WLAN, WMV9: WideCIF 30fps 2Mbps  
H.263 Profile 0 Level 10: CIF 30fps 384kbps

**Music playback:** MP3, AAC, eAAC, eAAC+, WMA

## Main Camera

**Lens:** Carl Zeiss Tessar™

**Image capture:** Up to 5 megapixels (2584 x 1938)  
JPEG/EXIF (16.7 million/24-bit color)

**Video capture:** MPEG-4 VGA (640 x 480) at up to 30 fps

**Aperture:** F2.8

**Focal length:** 5.4 mm

**Flash:** Dual LED camera flash and video light

## Operating Times

**Talk time:** Up to 360 min (3G), 585 min (GSM)

**Standby time:** Up to 385 hrs (3G), 400 hrs (GSM)

**Video playback:** Up to 4,5 hours (640x360, 30 fps, offline mode)

**Music playback:** Up to 39 hours (offline mode)

## Connectivity & Data Services

- WLAN IEEE 802.11b/g without UPnP support
- Micro-USB connector, Hi-Speed USB 2.0
- 3.5mm stereo headphone plug and TV-out support (PAL/NTSC)
- Bluetooth wireless technology 2.0 with A2DP stereo audio, enhanced data rates (EDR)
- GPS receiver with support for assisted GPS (A-GPS)