

Nokia N82 Data Sheet

Planned Market Introduction

Q4 2007

Category

Multimedia Computer

Nokia Nseries Experiences

Photo and Video

- 5 megapixel camera with Xenon flash, Carl Zeiss optics, autofocus with a dedicated autofocus assist lamp, and MPEG-4 VGA video capture of up to 30 frames per second with video stabilization
- High speed camera performance
- One-click photo and video uploading from gallery to compatible online albums or blogs with Wi-Fi or 3G
- Easy playback of recorded videos and photos on compatible TV using TV out cable or Wi-Fi/UPnP

Navigation

- Built-in GPS: Nokia Maps with integrated GPS, Assisted GPS (A-GPS) support
- All standard Nokia N82 sales packages will come with some local maps preloaded to the memory card
- All standard Nokia N82 sales packages will have a minimum 3 day free navigation trial
- Maps data available for over 150 countries, navigation supported for over 30 countries, 15 million location highlights

Music

- Digital music player and equalizer with support for MP3/AAC/eAAC+/M4A/WMA with playlists
- Stereo FM radio with station directory and Visual Radio support
- Integrated stereo handsfree speaker
- Search, browse and purchase songs online in Nokia Music Store – support for Windows Media DRM protected files (for Nokia Music Store availability, visit www.music.nokia.com)

Games

- N-Gage™ experience
 - World-class game titles
 - Download and play high quality games
 - Play with friends in N-Gage Arena community

Explore

- Orientation sensor for portrait and landscape mode
- 3D multimedia menu with content driven grouping
- Nokia Mobile Search (local & internet search)
- True internet experience with Nokia Web Browser and Mini Map, offering excellent usability with landscape browsing
- Email (Push, SMTP, IMAP4, POP3), MMS, SMS
- Wi-Fi / VoIP (internet calls)

Technical Profile

- System: WCDMA2100 (HSDPA), EGSM900, GSM850/1800/1900 MHz (EGPRS)
- User Interface: S60 3rd Edition
- Dimensions: 112 x 50.2 x 17.3 mm (L x W x H)
- Weight: 114 g
- Display: 2.4 inch QVGA (240 x 320 pixels) with up to 16.7 million colors
- Battery: Nokia Battery BP-6MT, 1050 mAh
- Memory: Up to 100MB internal dynamic memory and 2GB microSD memory card in standard sales package

Main Camera

- Image capture: Up to 5 megapixels (2592 x 1944) JPEG/EXIF (16.7 million/24-bit color)
- Video capture: MPEG-4 VGA (640 x 480) at up to 30 fps (16.7 million/24-bit color)
- Video playback: MPEG4 VGA @ up to 30 fps, AVC CIF @ up to 30 fps, RealVideo QCIF @ up to 30 fps scaled to QVGA on device, or VGA in TV-out mode
- Sensor: 1/2.5", CMOS 5 megapixels
- F number/Apert.: F2.8
- Focal length: 5.6 mm (35 mm equivalent)
- Focus range: 10 cm to infinity
- Shutter: Mechanical
- Close-up mode: 10 to 50 cm
- Digital zoom: Up to 20x (still image), 10x (video)
- Flash: Xenon flash

Operating Times

- Talk time: Up to 260 min (GSM), 190 min (WCDMA)
- Standby time: Up to 225 hrs (GSM), 210 hrs (WCDMA)
- Still images: Up to 290 pictures (with flash)
- Video capture: Up to 110 min (VGA, 30fps)
- Video playback: Up to 200 min (VGA, 30fps)
- Music playback: Up to 10 hours (offline mode)
- Video call: Up to 120 min

Connectivity & Data Services

- WLAN IEEE 802.11b/g with UPnP support
- Micro-USB with USB 2.0 Full Speed
- 3.5mm stereo headphone plug (Nokia AV Connector 3.5mm) and TV out support (PAL/NTSC)
- Bluetooth wireless technology 2.0 with A2DP stereo audio



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Nseries

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