

Nokia N82 in black Data Sheet

Planned Market Introduction

Q2 2008

Category

Explore

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
- Geotagging: adds location information to images when they are captured

Navigation

- Built-in GPS: Nokia Maps with integrated GPS, Assisted GPS (A-GPS) support
- All standard Nokia N82 Black sales packages will come with some local maps preloaded to the memory card
- All standard Nokia N82 Black 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+/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
- FlashLite 3 support enables the viewing of Flash video content from web based services
- 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 100 MB internal dynamic memory and 2 GB 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
- Aperture: 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, 30 fps)
- Video playback: Up to 200 min (VGA, 30 fps)
- 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
- 3.5 mm stereo headphone plug (Nokia AV Connector 3.5 mm) and TV out support (PAL/NTSC)
- Bluetooth wireless technology 2.0 with A2DP stereo audio



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Specifications are subject to change without notice. The availability of particular products and services may vary by region. Operation times may vary depending on radio access technology used, operator network configuration and usage. Operations, services and some features may be dependent on the network and/or SIM card as well as on the compatibility of the devices used and the content formats supported. Some services are subject to a separate charge.

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