

Nokia N82

Capture spontaneous moments in crystal-clear quality with Carl Zeiss optics, auto-focus, 5 megapixels and real xenon flash. Share images instantly with online services even as you're shooting them and relive favorite moments in a multimedia show with your choice of music.



Features at a glance

- Make new discoveries every day with A-GPS routing and free Nokia Maps.
- Take remarkably vivid photographs with a 5 megapixel camera, powerful Xenon flash and Carl Zeiss Optics.
- Easily share your stories with Wi-Fi connectivity and one-click photo upload to the web.

Operating Frequency

- WCDMA2100 (HSDPA), EGSM900, GSM850/1800/1900 MHz (EGPRS)
- Automatic switching between bands and modes

Dimensions

- Volume: 90 cc
- Weight: 114 g
- Length: 112 mm
- Width: 50.2 mm
- Thickness (max): 17.3 mm

Memory Functions

- Up to 100MB internal dynamic memory* for messages, ringing tones, images, video clips, calendar notes, to-do list and applications
- Hot swappable microSD memory card slot

*Dynamic memory means that the available memory is shared between dynamic memory functions. When any of these functions is used, there is less available memory for other functions which are also dependent on dynamic memory.

Power Management*

- Battery: Nokia Battery (BP-6MT) 1050mAh
- Talk time: up to 190 minutes (WCDMA), up to 260 minutes (GSM)
- Stand-by time: up to 210 hours (WCDMA), up to 225 hours (GSM)
- Still images: up to 290 pictures (with flash)
- Video capture: up to 110 minutes (VGA, 30fps)
- Video call: up to 120 minutes
- Video playback time: up to 200 minutes (VGA, 30 fps)
- Music playback time: up to 10 hours (offline mode)

*Operation times may vary depending on radio access technology used, operator network configuration and usage.

Display

- 2.4" LCD QVGA (240 x 320 pixels) TFT color display with up to 16.7 million colors

User Interface

- Operating system: S60 software on Symbian OS
- User interface: S60 3rd edition, Feature Pack 1
- Automatic screen rotation

Call Management

- Logs: keeps lists of your dialed, received, and missed calls
- Voice dialing (with Speaker independent name dialing (SIND)) and voice commands
- Nokia Push to talk (PoC)
- Internet calls (VoIP)

Messaging

- E-mail (SMTP, IMAP4, POP3), MMS, SMS

Data Transfer*

- WCDMA HSDPA 2100 MHz with simultaneous voice and packet data (PS max speed DL/UL= 3.6Mbps/384kbps, CS max speed 64kbps)
- Dual Transfer Mode (DTM) support for simultaneous voice and packet data connection in GSM/EDGE networks. Simple class A, multi slot class 11, max speed DL/UL: 177.6/118.4 kbits/s
- EGPRS class B, multi slot class 32, max speed DL/UL= 296 / 177.6 kbits/s
- GPRS class B, multi slot class 32, max speed DL/UL= 107 / 64.2 kbits/s

*Actual achieved speeds may vary depending on network support.

Video Features

- Video player - supports MPEG4, AVC/H.264, H.263, WMV, RV
- OMA DRM 2.0/1.0 & WMDRM support for video
- Resolution: MPEG4 VGA @ up to 30 fps scaled to QVGA on device or VGA in TV-out mode
- Transfer your videos from compatible PC: Windows Media Player, USB mass-storage file transfer or Nokia Nseries PC Suite using full-speed USB 2.0 connectivity

Video Center

- Pre-configured video services and dynamic expansion with new services
- Video podcasting: find, subscribe, download, view with mobile device

RealPlayer media player

- Full-screen video playback to view downloaded, streamed or recorded video clips
- Supported video formats: MPEG-4, H.264/AVC, H.263/3GPP, RealVideo 8/9/10

Imaging and video

- Up to 5 megapixel (2592 x 1944 pixels) camera, Carl Zeiss Optics: Tessar™ lens, MPEG-4 VGA video capture of up to 30 fps
- Direct connection to compatible TV via TV-out or wireless LAN/UPnP
- Front camera, CIF (352 x 288 pixels) sensor for video telephony
- Video call and video sharing support (WCDMA network services)
- Integrated xenon flash
- Slideshow from gallery
- One-click upload of photos & videos to web
- Nokia XpressPrint: direct printing via USB(PictBridge), Bluetooth connectivity (BPP), and WLAN (UPnP) or via online printing

Mobile Video

- Video resolutions: up to VGA (640 x 480 pixels) at 30 fps
- Recording indicator
- Audio recording: AAC (AMR for MMS)
- Digital video stabilization
- Video file format .mp4 (default), .3gp (for MMS)
- White balance, scene and color tone setting
- Zoom: Digital up to 10x (VGA up to 4x)
- Front camera: CIF (352 x 288 pixels) sensor for video telephony
- On-device video editing

Mobile Photography

- Image resolution: up to 5 megapixels (2592 x 1944 pixels)
- Auto focus
- Amber colored auto focus assist light and recording indicator
- Still image file format: JPEG/EXIF
- Auto exposure - center weighted
- Exposure compensation: +2 ~ -2EV at 0.5 step
- White balance: automatic, sunny, cloudy, incandescent, fluorescent
- Scene: automatic, user, close-up, portrait, landscape, sports, night, night portrait
- Color tone: normal, sepia, black & white, negative, vivid
- Zoom: digital up to 20x (5 megapixel up to 6x)
- Xenon flash
- On-device photo editing

Camera Specifications

- Sensor: CMOS, 5 megapixel (2592 x 1944)
- Carl Zeiss Optics: Tessar™ lens
- F number/Aperture: F2.8
- Focal length 5.6 mm
- Focus range 10 cm ~ infinity
- Macro focus distance 10-50 cm

Music Features

- Digital music player - supports MP3/AAC/eAAC/eAAC+/WMA/M4A with playlists
- OMA DRM 2.0/1.0 & WMDRM support for music
- Integrated stereo hands-free speaker
- Stereo FM radio (87.5-108MHz) with Visual Radio support
- Nokia Stereo Headset HS-43 in-box
- Bluetooth wireless technology 2.0 with A2DP Stereo audio

Navigation

- Integrated Assisted Global Positioning System (A-GPS)
- Pre-installed Nokia Maps application and free downloadable maps*

*The service is available free of charge, although any data transferred over the network will incur charges from your network operator. To check the availability and cost of the service, contact your network operator or service provider.

NOKIA

Nseries

E-mail

- Easy-to-use e-mail client with attachment support for images, videos, music and documents
- Compatible with Nokia Wireless Keyboard SU-8W (sold separately)

Browsing

- Full web browser support (HTML)

Digital home

- Play video, music and photos on home media network - compatible TV, stereo and PC over WLAN/UPnP

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Other Applications

- Personal Information Management (PIM)
- Advanced S60 PIM features including calendar, contacts, to-do list and PIM printing
- Settings Wizard for easy configuration of e-mail, push to talk and video sharing
- Data transfer application for transfer of PIM information from other compatible Nokia devices.
- WLAN wizard

Connectivity

- Integrated wireless LAN (802.11 b/g) and UPnP (Universal Plug and Play)
- Bluetooth wireless technology with A2DP stereo audio
- USB 2.0 via Micro USB interface and mass storage class support to support drag and drop functionality
- 3.5 mm stereo headphone plug(Nokia AV Connector)and TV out support (PAL/NTSC)
- Nokia Nseries PC Suite connectivity with USB, and Bluetooth wireless technology
- Local synchronization of contacts and calendar to a compatible PC using compatible connection
- Remote over-the-air synchronization
- Send and receive images, video clips, graphics, and business cards via Bluetooth wireless technology

Standard Sales Package Contents*

- Nokia N82
- Nokia Battery BP-6MT
- Nokia Travel Charger AC-5
- Nokia Music Headset HS-43
- Nokia Connectivity Cable CA-101
- Nokia 2GB microSD Card MU-37**

*Sales package content may vary by region.

** Card pre-installation may vary by region.

Available Colors



Warm Titanium/
Light Titanium



All Black

*Operation times vary depending on the network and usage. The availability of the product and its features depends on your area and service providers, so please contact them and your Nokia dealer for further information. These specifications are subject to change without notice. Phone specifications mentioned above are based on the latest available information; please visit www.nokia-asia.com for the most recently updated product specifications.

www.nokia-asia.com/n82