

Nokia N93 Cell Phone - Review & Specifications

Author: Administrator

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The **Nokia N93** is an all-new phone incorporating camcorder capabilities boasting a 3.2 megapixel camera, Carl Zeiss optics and 3x optical zoom. Nokia N93 is the ultimate mobile device for spontaneous video recording. Offering uncompromised digital camcorder, telephony and rich Internet communication functionalities, the Nokia N93 features a 3.2 megapixel camera with Carl Zeiss optics, DVD-like video capture and 3x optical zoom. You can connect the **Nokia N93** directly to your TV for a widescreen movie experience or upload your images and video to online albums or blogs. Moreover, you can create high-quality home movies and burn them to DVD with the included Adobe Premiere Elements 2.0 software.



If what Nokia claims is true, then consumers can look forward to DVD-like video capture, and later view it on a standard television thanks to the TV-out option. The bundled Adobe Premiere Elements 2.0 software will further assist in burning your high-quality home videos onto DVDs. This is virtually a camcorder with a phone attached. Videos can be captured in MPEG4 format at 30 fps.



The **Nokia N93** is based on S60 3rd Edition - the same as Nokia N91 - with 50MB internal memory and support for miniSD cards (expandable up to 2GB). This one's also a 3G phone, supporting WCDMA 2100MHz with simultaneous voice/packet data, and integrated 802.11b/g wireless LAN connectivity. What's more, with its TV-out capability, you can even browse the web, work on your office documents and even play games on the TV.

With Adobe Premiere Elements, you can play with your videos inserting various effects and transitions, and burn 'em onto DVDs or convert them to a web-suitable format for streaming. Oh and if the videos ever get boring, there's always good old radio to fall back on: the N93 also has an integrated stereo FM receiver.



[Nokia N93 Cell Phone Features and Specifications](#)

Operating Frequency

- Dual mode WCDMA/GSM and triband GSM coverage on up to five continents (EDGE/GSM 900/1800/1900 + WCDMA 2100 MHz networks)

- Automatic switching between bands and modes

Dimensions

- Volume: 133 cc
- Weight: 180 g
- Length: 118.2 mm
- Width: 55.5 mm
- Thickness: 28.2 mm

Memory Functions

- Up to 50 MB internal dynamic memory for messages, ringing tones, images, video clips, calendar notes, to-do list and applications
- Expandable memory: 128 MB miniSD card
- Memory card slot supporting up to 2 GB miniSD memory cards

Power Management

- Battery: Lithium Polymer battery BP-6M 1100mAh
- Talk time: up to 3.7hrs (WCDMA)/up to 5.1hrs (GSM)
- Stand-by time: up to 10days (WCDMA)/up to 10days (GSM)

Form and Function

- Twist and Shoot form factor with 4 modes: Imaging mode for capture, View mode for reliving memories, Fold open mode for talking and Fold closed mode for carrying.
- Dedicated keys for camera control
- Support of applications in both portrait and landscape orientations

Displays

- Active matrix 2.4" QVGA color display with wide 160° viewing angle: 320 x 240 pixels, up to 262,144 colors
- Automatic brightness control for main display
- 1.1" second display: 128 x 36 , up to 65,536 colours

User Interface

- User Interface: S60 3rd Edition
- 5-way scroll key, selection keys, menu key, edit and clear keys, call and end keys
- Multimedia key for quick access to your favorite content
- Additional selection keys for landscape mode
- Side 5-way scroll key, camera mode key and flash key
- Dedicated keys for capture and zoom
- Active standby screen

Call Management

- Contacts: advanced contacts database with support for multiple phone and e-mail details per entry, also supports thumbnail pictures and groups
- Speed dialing
- Logs: keeps lists of your dialed, received, and missed calls
- Automatic redial
- Automatic answer (works with compatible headset or car kit only)
- Supports fixed dialing number, which allows calls only to redefined numbers
- Conference call
- Push to talk (PoC)

Voice Features

- Speaker independent name dialing (SIND)
- Voice commands
- Voice recorder
- Talking ringtone
- Integrated hands-free speaker

Messaging

- Text messaging: supports concatenated SMS, picture messaging, SMS distribution list
- Multimedia messaging: combine image, video, text, and audio clip and send as MMS to a compatible phone or PC; use MMS to tell your story with a multi-slide presentation
- Automatic resizing of your megapixel images to fit MMS (max. 300 KB attachment size depending on the network)
- Predictive text input: support for all major languages in Europe and Asia-Pacific

Data Transfer

- WCDMA 2100 with simultaneous voice and packet data (PS max speed UL/DL= 384/384kbps, 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

Connectivity

- Integrated wireless LAN (802.11 b/g) and UPnP (Universal Plug and Play)
- Integrated Bluetooth wireless technology v.2.0
- USB 2.0 via Pop-Port? interface and mass storage class support to support drag and drop functionality
- TV out support (PAL/NTSC)
- Nokia PC Suite connectivity with USB, Infrared 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

Java Applications

- Java MIDP 2.0, CLDC 1.1 (Connected Limited Device Configuration (J2ME))
- Over-the-air download of Java-based applications and games

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.

Digital Services

- Java and Symbian applications available from Nokia Software Market

Standard Kit Contents

1. Nokia N93
2. 128 MB miniSD-card
3. Nokia Battery BP-6M
4. Nokia Stereo Headset HS-23
5. Nokia Travel Charger AC-4
6. Nokia Charger Adapter CA-44
7. Nokia Connectivity Cable CA-53
8. Nokia Video Connectivity Cable CA-64U
9. Protective Pouch CP-83
10. Wrist Strap CP-84
11. DVD-ROM with software - (Nokia PC Suite, Lifeblog, Adobe Photoshop Album Starter Edition, Adobe Premiere Elements 2.0, Home Media Server software)