

Nokia N77

Whatever happens next, see it first. The Nokia N77 means live broadcast television. With a wide 2.4" flat screen supporting up to 16 million colors, plus high quality stereo sound, staying close to the entertainment you love has never been so stylish or easy. Catch it live with the Nokia N77 multimedia computer and DVB-H TV, it's primetime in your pocket.



Features at a glance

- One-touch access to your favourite programs (Live TV)
- 2.4" QVGA display with up to 16 million colors
- Digital music player with high quality stereo speakers
- 2 megapixel camera with up to 16x digital zoom
- Nokia Web Browser with Mini Map
- Send and receive emails with attachments

Operating Frequency

- Dual-mode: WCDMA2100/EGSM900/1800/1900 MHz or EDGE only: EGSM900/1800/1900 MHz
- DVB-H*** 470-750 MHz

Dimensions

- Volume: 92 cc
- Weight: 114 g
- Length: 111 mm
- Width: 50 mm
- Thickness (max): 18.8 mm

Display

- Up to 16.7 million colors, Large 2.4" Active TFT QVGA 320 x 240 pixels display with wide viewing angle

User Interface

- S60 user interface 3rd Edition
- Dedicated media keys
- Ambient light detector - used to optimize display brightness and power consumption
- Active standby screen
- Five-way navikey, two soft keys, application key, clear key, send and end keys, operator service keys, ITU-T keypad
- Dedicated key for mobile tv
- Dedicated key for camera
- Volume/zoom key
- Active toolbar interface in camera and gallery
- Multimedia key provides direct access to predefined applications

Live Mobile TV

- DVB-H*** based mobile TV with internal antenna (470-750 MHz)
- Dedicated TV application for selection, purchase, and consumption of TV programs
- Replay of TV program (up to 30 seconds) and a reminder setting via Program Guide
- Mobile TV interactive services for example voting
- Channel and content protection: OMA DRM2.0, Ipsec
- Integrated DVB-H***. Video/audio codecs: H.264 AVC 384kbps@QVGA 15fps/QCIF 30fps and AAC up to 128kbps)
- Automatic channel discovery
- Organize channels in your favorite order
- Up to 50 channels (a mix of TV and radio channels)* and 5 hours watchtime
- Multiple subscription and payment methods (pay TV including previews, free-to-air, pay per view)

* Subject to availability from service provider

Imaging

- Integrated 2.0 megapixel camera (1600 x 1200 pixels); with up to 16x digital zoom
- CIF camera (352 x 288) with up to 2x digital zoom
- Two way video call (WCDMA service)
- Integrated flash LED
- Rotating gallery
- Easy management, organization and transfer of images and video clips
- New improved gallery with direct editing, printing and sharing
- Online album/blog: photo/video uploading from gallery
- Nokia Lifeblog support
- Video and still image editors
- Slideshow from gallery with music
- Print digital photos directly from the device to compatible printers
- Transfer photos directly to compatible printer or kiosk via Bluetooth wireless technology, memory card or directly to PictBridge-compliant printer via USB cable
- Sharing via e-mail or Bluetooth with full image quality or via MMS, with automatic resizing of images to fit MMS.
- Two-way video call capability

Multimedia

- Visual Radio*: Listen to music and interact with your favorite radio stations
 - Find out what song is playing, who sings it, and other artist information
 - Enter contests and answer surveys, vote for your favorite songs
 - Download the songs you buy direct to your phone
- Full-screen video playback on the device to view downloaded, streamed or recorded video clips in larger size
 - Digital music player optimized for music listening with enhanced on the go playlist management: edit playlists, add new music
- Stereo FM radio (87.5-108MHz)** with Visual Radio support
- RealPlayer Media Player
 - Download and play multimedia files (video and music)
 - Stream media files from compatible media portals
 - Full-screen video playback on the phone to view downloaded, streamed, or recorded video clips in larger size
 - Played formats (decoding): .3gp and .mp4 file formats, MPEG-4 video, H.263 video and AMR audio, RealMedia (Real Video and Real Audio), MP3, and AAC
- Rip your CDS, and convert and transfer music to your device using Nokia Audio Manager
- Share playlists with your friends over Bluetooth wireless technology, MMS, or e-mail
- High quality stereo speakers

* To check the availability and cost of the service, contact your network operator or service provider

** Stereo sound can only be heard with a compatible stereo headset

Memory Functions

- Up to 20 MB* of internal dynamic memory for messages, ringing tones, images, video clips, calendar notes, to-do list and applications
- Options to expand up to 2GB with microSD card

* Changes to product details are possible without prior notice. Application offering may vary. 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

Messaging

- Multimedia messaging: MMS for creating, receiving, editing, and sending videos and pictures with AMR voice clips
- Automatic resizing of your megapixel images to fit MMS (max 300 KB size depending on the network)
- Email: Supports SMTP, POP3 and IMAP4 protocols. Support for images, videos, music and documents
- Text messaging: Supports concatenated SMS, picture messaging, SMS distribution list
- Instant Messaging
- Predictive Text Input: Support for all major languages in Europe and Asia Pacific including Indian dialect variants

Java™ Applications

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

Ringling Tones

- Ringling tones with 3D sound effect

Connectivity

- Bluetooth 1.2
- Remote over-the-air (OTA) synchronization with SyncML
- Local synchronization with PC using PC Suite
- Local synchronization of contacts and calendar to a compatible PC using compatible connection
- USB 2.0 via Mini USB interface and mass storage class support to support drag and drop functionality

Browsing

- WAP/OMA and W3C standards support: WAP* 2.0, XHTML, XHTML MP, HTML 4.01, CSS, ECMAScript and JavaScript
- Full Web compatibility with support for popular markup languages, scripting languages, and style sheets
- Support for forms, tables, frames, and image maps
- File upload over HTTP using standard HTML forms
- Page layout and in-page navigation optimised for content type
- Search and find capabilities
- Adaptive history list
- Integration with telephony (dial via a link on the page) and image galleries (view/save images)

- Bookmarks database
- Web Feeds (RSS)
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- Integration with telephony (dial via a link on the page) and image galleries (view/save images)
- Bookmarks database
- Web Feeds (RSS)
- OMA Digital DRM 1.0 - including forward lock for content protection, combined delivery, separate delivery and superdistribution
- Nokia Web Browser with Mini map
- OMA DRM 2.0 support for music

* Please note that this service is operator dependent

Data Transfer*

- EGPRS, class B, multi slot class 32 (DL/UL=296 / 177.6 kbps)
- WCDMA 2100 MHz with simultaneous voice and packet data (PS max speed DL/UL= 384/384kbps, CS max speed 64kbps)
- Speech codecs supported: AMR/EFR/FR/HR
- 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: 236.8/177.6 kbits/s

* Please note that these services require network support

Call Management

- Advanced contacts database
- Support for multiple phone and email details per contact
- Support 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)
- Fixed Dialing Number, allows calls only to predefined numbers
- Conference call

Push to talk over Cellular (PoC)*

- Push to talk over cellular network via dedicated key

* Please note that this service is operator dependent

Digital Services

- Java™ and Symbian applications available from Nokia Software Market
- Download tones, graphics, themes, applications and videos

Voice Features

- Voice dialing
- Voice commands
- Integrated handsfree speaker
- SIND (Speaker Independent Number Dialing)

Personal Information Management (PIM)

- Advanced Series S60 PIM features including calendar, contacts, to-do list, and PIM printing
- Settings Wizard for easy configuration of email, push to talk and video sharing
- Data transfer application for transfer of PIM information from other Nokia devices

Other Features

- QuickOffice: Powerpoint, Word and Excel and XP file formats (.ppt .doc .xls)
- Quickoffice receive and view attachments. View attachments you have received in email using the Quickoffice viewers. Quickpoint, Quickword & Quicksheet enable you to view Microsoft PowerPoint, Word, and Excel documents.
- Adobe PDF reader

Sales Package Contents

- Nokia N77 phone
- Nokia Battery BP-6M
- Nokia Travel Charger AC-4
- Nokia Stereo Headset with media remote control (HS-28 + AD-41)
- Nokia Connectivity Cable CA-53
- CD-ROM containing Nokia Nseries PC suite & Adobe Photoshop Album Starter Edition
- User Guide
- Get Started Guide
- Warranty Card

Power Management

- Battery: BL-6M
- Talk time*: GSM: Up to 4.5 hrs
: WCDMA: 3.5 hrs
- Standby time*: GSM: Up to 7.5 days
: WCDMA: Up to 7.5 days
- MP3 playback time: Up to 11 hrs with the inbox Stereo Headset with media remote controls
- Mobile TV watch time: Up to 5.0 hrs

Available colors



* 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.

*** DVB-H is only applicable where the service is available.

Product availability is country and operator dependent. Please check service availability with your operator. The reception of mobile TV content and its related service charges are broadcaster/operator dependent. Such content may vary across cities. The availability of interactive services and pricing is also broadcaster/operator dependent. Please check with your local service provider for more details

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/n77