

Music, gaming and internet in one, sleek package.

Enjoy your photos, videos and various other multimedia content on a vibrant, OLED display with wide-viewing angle and share them with friends – wherever you are. Experience enriching 24/7 entertainment on the most compact two-way slide that is the Nokia N85.



Features at a glance

- Explore the web, navigate through destinations and capture memories along your adventures.
- Share your stories easily through sending photos, songs and even high scores to loved ones and friends.
- Surround yourself with rich sounds, vibrant images and compelling games by enjoying your media on-the-go.

Operating frequency

- Quad-band EGSM 850/900/1800/1900
- Automatic switching between GSM bands
- Flight mode

Size

- Form: Two-way slider
- Dimensions: 103x50x16.0mm
- Weight: 128 g
- Volume: 76 cc
- Two-way slider with spring assistance mechanism

Display and 3D

- Size: 2.6"
- Resolution: 320 x 240 pixels (QVGA)
- Up to 16.7 million colors
- Active Matrix OLED technology

Additional display information

- Brightness control
- Orientation sensor
- Ambient light detector

Keys and input method

- Numeric keypad Cover keys (S60 keys, Multimedia key, Send/end keys) Short slide keys (media control/zoom/gaming) Navi™ wheel
- Dedicated media/zoom/game keys
- Dedicated camera and volume keys Cover keys
- Multimedia key
- Navi™ wheel
- Voice commands
- Intelligent key illumination

Connectors

- Micro-USB connector with mass storage class support, High-Speed USB 2.0
- 3.5 mm AV connector

Power

- BL-5K 1200 mAh Li-Ion battery
- Talk time (maximum):
 - GSM 6.9 h
 - WCDMA 4.5 h
 - VoIP 6 h
- Standby time (maximum):
 - GSM 363 h
 - WCDMA 363 h
 - WLAN 172 h
- Browsing time with packet data (maximum): 5 h 42 min
- Video playback time (maximum): 7 h
- Video recording time (maximum): 2 h 54 min
- Video call time (maximum): 2 h 42 min
- Music playback time (maximum): 30 h
- Gaming time (maximum): 7 h

Data network

- HSCSD, maximum speed 43.2 kbps
- GPRS class A, multislot class 32, maximum speed 107/64.2 kbps (DL/UL)
- EDGE class B, multislot class 32, maximum speed 296/177.6 kbps (DL/UL)
- WCDMA 900/1900/2100, maximum speed PS 384/384 kbps (UL/DL)
- HSDPA, maximum speed 3.6 Mbps (DL)
 - WLAN 802.11b, 802.11g
- WLAN Security: WPA2-Enterprise, WPA2-Personal, WPA-Enterprise, WPA-Personal, WEP
- WLAN Quality of Service: WMM, U-APSD
- WLAN wizard
- TCP/IP support
- Capability to serve as data modem

Local connectivity and synchronization

- Bluetooth version 2.0 with Enhanced Data Rate. Bluetooth profiles:
 - Dial Up Networking Profile (Gateway)
 - Object Push Profile (Server and Client)
 - File Transfer Profile (Server)
 - Hands Free Profile (Audio Gateway)
 - Headset Profile (Audio Gateway)
 - Basic Imaging Profile (Image Push Responder and Initiator)
 - Remote SIM Access Profile (Server)
 - Device Identification Profile
 - Phone Book Access Profile (Server)
 - Stereo Audio Streaming:
 - Generic Audio/Video Distribution Profile
 - Audio/Video Remote Control Profile (A/V Remote Control Target)
 - Advanced Audio Distribution Profile (Audio Source)
- Add-on solutions enable integration into enterprise private branch exchange (PBX) infrastructure
- Digital Living Network Alliance certification
- UPnP support
- MTP (Mobile Transfer Protocol) support
- TV out (PAL) with Nokia Video Connectivity Cable (CA-75U, in box inclusion may vary based on sales package configuration)
- Nokia XpressPrint
- Support for local and remote SyncML synchronization

Messaging

- SMS with support for concatenated SMS for long messages
- Multiple SMS deletion
- Text-to-speech message reader
- MMS version 1.2
- message size up to 600kb
- Automatic resizing of images for MMS
- Common inbox for SMS and MMS messages
- Distribution lists for messaging
- Windows Live support (requires download of Windows Live Messenger application)
- Cell broadcast

E-mail

- Supported protocols: IMAP, POP3, SMTP
- Support for e-mail attachments
- Support for e-mail with filtering
- IMAP IDLE support
- OMA e-mail notification support
- Support for Nokia Intellisync Wireless Email
- Support for Nokia Mobile VPN

Call features

- Integrated hands-free stereo speakers
- Automatic answer with headset or car kit
- Any key answer
- Call waiting, call hold, call divert
- Call timer
- Logging of dialed, received and missed calls
- Automatic redial
- Speed dialing
- Voice dialing
- Fixed dialing number support
- Vibrating alert (internal)
- Side volume keys
- Mute/unmute
- Contacts with images
- Talking ring tones
- Conference calling with up to 6 participants
- Video calling: up to 640 x 480 pixels (VGA), up to 30 fps
- Push to talk
- VoIP

Web browsing

- Supported markup languages: HTML, XHTML MP, WML, CSS
- Supported protocols: HTTP v1.1, WAP
- TCP/IP support
- Nokia Web Browser with Mini Map
- Nokia Mobile Search

GPS and navigation

- Integrated and separate GPS, A-GPS, and Cell based
- Nokia Maps 2.0 application

Memory

- microSD memory card slot, hot swappable, max. 8 GB
- 74 MB internal dynamic memory

Personalization: profiles, themes, ring tones

- Customizable profiles
- Ring tones: mp3, aac, AAC+ 64-tone polyphonic, AMR, WMA
- Video ring tones
- Themes:
 - wallpapers
 - screensavers
 - ring tones
 - pre-installed themes
 - icons
 - changeable colour themes

Photography

- 5 megapixel camera (2584 x 1938 pixels)
- Image formats: JPEG, Exif
- CMOS sensor, Carl Zeiss optics, Tessar™ lens
- 20x digital zoom
- Autofocus with assist light and two stage capture key
- Focal length: 5.2 mm
- Focus range: 10 cm to infinity
- Macro focus: 10-50 cm
- Dual LED flash
- Flash modes: On, Off, automatic, red-eye reduction
- Flash operating range: 3 m
- White balance modes: automatic, sunny, cloudy, incandescent, fluorescent
- Center weighted auto exposure; exposure compensation: +2 ~ -2EV at 0.33 step
- Capture modes: still, sequence, self-timer, video
- Scene modes: automatic, user defined, close-up, portrait, landscape, sport, night
- Color tone modes: normal, sepia, black & white, negative, vivid
- Light sensitivity modes: high, medium, low, automatic
- Full-screen viewfinder
- Active toolbar
- Dedicated camera key
- Slide cover for protection and camera activation
- Landscape (horizontal) orientation
- Photo editor on device
- Direct printing to compatible picture printers
- TV out (PAL/NTSC) with Nokia Video Connectivity Cable (CA-75U, included in box) or WLAN/UPnP
- Nokia XpressShare
- Nokia XpressTransfer
- Rotating gallery with Navi wheel support
- Slideshow from gallery with Ken Burns effect (automatic zoom and pan) and 3D sound effect stereo speakers

Video

- Main camera
- Video recording at up to 640 x 480 pixels (VGA) and up to 30fps
- Up to 8x digital video zoom
- Front camera - Video recording at up to 352 x 288 pixels (CIF) and up to 15 fps
- Up to 2x digital video zoom
- Video recording file formats: .mp4, .3gp; codecs: H.263
- Audio recording formats: AMR, AAC stereo
- Image stabilization
- Video white balance modes: Automatic, Sunny, Cloudy, Incandescent, Fluorescent
- Scene modes: automatic, night
- Color tone modes: Normal, Sepia, B&W, Negative, vivid
- Clip length (maximum): 1 h 30 min
- RealPlayer
- Video playback file formats: .mp4, .3gp; codecs: H.263, H.264
- Video streaming: .mp4, .flv, .vwm
- Landscape mode video playback
- Video calling: up to 640 x 480 pixels (VGA), up to 30 fps
- Video ring tones (3 built-in tones)
- TV out (PAL/NTSC) with Nokia Video Connectivity Cable (CA-75U, included in box)
- Video editor on device
- Online album/blog: photo/video uploading from gallery
- Rotating gallery with Navi™ wheel support
- Real time video sharing to another compatible mobile device
- Video sharing support (WCDMA network services)

Software platform and user interface

- S60 3rd edition, feature pack 2
- Symbian OS version 9.3
- Active standby
- Voice commands
- FOTA (Firmware update Over The Air)
- Multimedia menu
- Navi™ wheel support
- Automatic UI rotation

Music and audio playback

- Nokia Nseries digital music player
- Playlists
- Equalizer
- Selection by artist, album, composers and genre
- Album graphics display
- Skins
- Music playback file formats: .mp3, .wma, .aac, eAAC, eAAC+
- Audio streamingUPnP music streaming
- Dedicated music keys
- Dedicated volume keys
- FM radio 87.5-108 MHz with RDS support
- FM transmitter 88.1 - 108 MHz
- Visual Radio support
- 3.5 mm stereo headphone plug
- Nokia Music Player
- Nokia Music Manager
- Nokia Music Store support
- Nokia Podcasting support
- Ring tones: mp3, aac, AAC+ 64-tone polyphonic, AMR, WMA
- 3D sound effect stereo speakers
- Integrated stereo speakers
- Synchronize music with Windows Media Player
- Navi™ wheel support

Voice and audio recording

- Voice commands
- Voice dialing
- Voice recorder
- Audio recording formats: AMR, AAC stereo and WMP
- FR, EFR, WCDMA, and GSM AMR
- Digital stereo microphone
- Text-to-speech

Personal information management (PIM): contacts, clock, calendar etc.

- Dynamic memory
- Advanced contacts database: multiple number and e-mail details per contact, contacts with images
- Support for assigning images to contacts
- Support for contact groups
- Closed user group support
- Fixed Dialing Number support
- Clock: analog and digital, world clock
- Alarm clock with radio as alarm sound
- Reminders
- Calculator
- Calendar with day, week and month view, up to 1500 entries
- Converter
- Written notes
- Voice notes
- Active notes
- To-do list
- Personal Information Management, Calendar, Contacts and To-do list
- PIM information viewable during call

Gaming

- Included try and buy games, full licence for one of the list:
- Asphalt 3
- Hooked On: Creatures of the deep
- Worlds series of poker
- Block breaker deluxe
- Tetris
- Space impact
- System Rush
- Brain Challenge
- Mile High Pinball
- Snakes Subsonic
- Sims 2: Pets
- FIFA 08
- Midnight pool
- Reset generation
- Bounce
- N-Gage application included
- Dedicated game keys
- Portrait and landscape view gaming

Applications

- Java™ : CLDC 1.1, MIDP 2.1, PDA (JSR 75), Java APIs for Bluetooth (JSR 82), Mobile Media API 1.1 (JSR 135), Mobile 3D Graphics API for J2ME 1.1 (JSR 184), Wireless Messaging API 2.0 (JSR 205), Scalable 2D Vector Graphics API for J2ME (JSR 226), J2ME Web Services Specification (JSR 172), Security and Trust Services API for J2ME (JSR 177), Location API for J2ME (JSR 179), SIP API for J2ME (JSR 180), Advanced Multimedia Supplements (JSR 234), Nokia UI API
- Adobe Flash Lite 3.0
- Windows Live support (requires download of Windows Live Messenger application)
- Nokia Web Browser with Mini Map
- Quickoffice (Quickword, Quickpoint, Quicksheet)
- Adobe Reader
- Zip Manager
- Nokia applications:
- Nokia Maps
- Nokia N-gage
- Nokia Photos
- Nokia Download!
- Nokia Mobile search
- Adding more applications:
- Use the Download! Client
- Visit www.S60.com to download free applications to your S60 device
- Visit Nokia Software Market
- Visit www.mosh.nokia.com to download free applications to your S60 device
- Download Mosh client from Download! and use it for downloading more applications

Recommended accessories

- Bluetooth Stereo Headset BH-903
- Bluetooth Speakers MD-7W
- Stereo Headset WH-700

Compatible car solutions

- Nokia Bluetooth Display Car Kit CK-600
- Nokia Retractable Car Charger DC-10
- Nokia Speakerphone HF-300

Sales package contents

- Nokia N85
- Nokia Battery (BL-5K)
- Nokia Travel Charger (AC-10)
- Nokia Video Connectivity Cable (CA-75U)
- Nokia Connectivity Cable (CA-101)
- Nokia Music Headset (HS-45, AD-54)
- Nokia 8 GB microSD card (MU-43)
- User Guide
- Quick Start Guide

Available colors



Copper/Copper

*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/n85