

## Smart simplicity

Optimise your e-mail experience with the Nokia E71; built to keep your work and free time as integrated or separate as you like with customisable business and personal modes. Improve efficiency with greater portability, one-touch keys and go places with built-in A-GPS and Nokia Maps.



### Features at a glance

- Fast, easy access to messaging, including your business and personal email, without the complexity.
- Trim and fitted with a full keyboard, Nokia E71 is impeccably tailored for business on the move.
- Two home screens let you choose between work and leisure modes. Choose application shortcuts to suit your schedule with message notifications on or off.

#### Size

- Form: Monoblock with full keyboard
- Dimensions: 114 x 57 x 10 mm
- Weight: 127 g
- Volume: 66 cc
- Full keyboard
- High quality QVGA display

#### Display and 3D

- Size: 2.36"
- Resolution: 320 x 240 pixels (QVGA)
- Up to 16 million colors
- TFT active matrix (QVGA)
- Two customisable home screen modes

#### Email

- Easy email set-up
- Support for Active Sync for Microsoft Exchange via Mail for Exchange
- Supported protocols: IMAP4, Microsoft ActiveSync, POP3, SMTP
- Support for email attachments
- IMAP IDLE support
- Support for Nokia Intellisync Wireless Email
- Integrated Nokia Mobile VPN

#### Keys and input methods

- Full keyboard
- Dedicated one-touch keys: Home, calendar, contacts, and email
- Speaker dependent and speaker independent voice dialling
- Intelligent input with auto-completion, auto-correction, auto-punctuation, and learning capability
- Accelerated scrolling with Navi™Key
- Notification light in Navi™Key

#### Colors and covers

- Available in-box colours
- Grey steel
- White steel

#### Connectors

- Micro-USB connector, full-speed
- 2.5 mm Nokia AV connector

#### Power

- BP-4L 1500 mAh Li-Po standard battery
- Talk time: GSM up to 10 h 30 min, WCDMA up to 4 h 30 min
- Standby time: GSM up to 17 days, WCDMA up to 20 days, WLAN idle up to 166 hours
- Music playback time (maximum): 18 h

\*Operation times vary depending on the network and usage

#### Memory

- microSD memory card slot, hot swappable, max. 8 GB
- Approximately 110 MB internal dynamic memory

#### Operating frequency

- E71-1 Quad-band EGSM 850/900/1800/1900, WCDMA 900/2100 HSDPA
- E71-2 Quad-band EGSM 850/900/1800/1900, WCDMA 850/1900 HSDPA
- E71-3 Quad-band EGSM 850/900/1800/1900, WCDMA 850/2100 HSDPA
- Offline mode

#### Data network

- CSD
- HSCSD
- GPRS class A, multislot class 32, maximum speed 100/60 kbps (DL/UL)
- EDGE class A, multislot class 32, maximum speed 296/177.6 kbps (DL/UL)
- WCDMA 900/2100 or 850/1900 or 850/2100, maximum speed 384/384 kbps (DL/UL)
- HSDPA class 6, maximum speed 3.6 Mbps/384 kbps (DL/UL)
- WLAN IEEE 802.11b/g
- WLAN Security: WEP, 802.1X, WPA, WPA2
- TCP/IP support
- Nokia PC Internet Access (capability to serve as a data modem)
- IETF SIP and 3GPP

#### Local connectivity and synchronization

- Infrared, maximum speed 115 kbps
- Bluetooth version 2.0 with Enhanced Data Rate
  - Bluetooth profiles: DUN, OPP, FTP, HFP, GOEP, HSP, BIP, RSAP, GAVDP, AVRCP, A2DP
- MTP (Multimedia Transfer Protocol) support
- Bluetooth (Bluetooth Serial Port Profile. BT SPP)
- Infrared
- File
- Network (Raw). Direct TCP/IP socket connection to any specified port (a.k.a HP JetDirect™)
- Network (LPR). Line Printer Daemon protocol (RFC1179)
- Support for local and remote SyncML synchronization, iSync, Intellisync, ActiveSync

#### Call features

- Integrated handsfree speakerphone
- 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 and fallback
- Speed dialling
- Speaker dependent and speaker independent voice dialling (SDND, SIND)
- Fixed dialling number support
- Vibrating alert (internal)
- Side volume keys
- Mute key
- Contacts with images
- Conference calling
- Push to talk
- VoIP
- Easy dialling directly from home screen (not available in all countries)

#### Messaging

- SMS
- Multiple SMS deletion
- Text-to-speech message reader
- MMS
- Distribution lists for messaging
- Instant messaging with Presence-enhanced contacts
- Cell broadcast

#### Security features

- Device lock
- Remote lock
- Data encryption for both phone memory and microSD card
- Mobile VPN

#### Web browsing

- Supported markup languages: HTML, XHTML, MP, WML, CSS
- Supported protocols: HTTP, WAP 2.0
- TCP/IP support
- Nokia browser
  - JavaScript version 1.3 and 1.5
  - Mini Map
- Nokia Mobile Search
- Nokia PC Internet Access (capability to serve as a data modem)

#### GPS and navigation

- Integrated A-GPS
- Nokia Maps application

#### Photography

- 3.2 megapixel camera (2048 x 1536 pixels)
- Autofocus
- LED flash
- Image formats: JPEG/EXIF
- CMOS sensor
- 4 x digital zoom
- Focal length: 3.8 mm
- Focus range: 10 cm to infinity
- Macro focus: 10-60 cm
- Flash modes: Automatic, On, Red-eye, Off
- Flash operating range: 1 m
- White balance modes: automatic, sunny, incandescent, fluorescent
- Centre weighted auto exposure; exposure compensation: +2 ~ -2EV at 0.7 step
- Capture modes: still, sequence, self-timer, video
- Scene modes: auto, user defined, close-up, portrait, landscape, night, night portrait
- Colour tone modes: normal, sepia, black & white, negative
- Full-screen viewfinder with grid
- Active toolbar
- Share photos with Share on Ovi

## Video

- Main camera
- 320 x 240 (QVGA) at 30/15 fps
- 176 x 144 at 15 fps (QCIF)
- Digital video zoom
- Front camera
  - Video recording at up to 128 x 96 pixels (QCIF) and up to 15 fps
  - Up to 2x digital video zoom
- Video recording file formats: .mp4, .3gp; codecs: H.263, MPEG-4 VSP
- Audio recording formats: AMR
- Video white balance modes: automatic, sunny, incandescent, fluorescent
- Scene modes: automatic, night
- Colour tone modes: normal, sepia, black & white, negative
- Clip length (maximum): 1 h
- RealPlayer
- Video playback file formats: .mp4, .3gp; codecs: H.263, H.264, Real Video and MPEG-4
- Video streaming: .3gp, .rm, mp4
- Customisable video ring tones

## Music and audio playback

- Music player
- Media player
- Nokia Music Manager
- Nokia Music Store support
- Music playback file formats: .mp3, .wma, .aac, AAC+, eAAC+
- Audio streaming formats: .rm, .eAAC+
- FM radio 87.5-108 MHz
- Visual Radio support. Read more: [www.visualradio.com](http://www.visualradio.com)
- 2.5 mm Nokia AV connector
- Nokia Podcasting support
- Customizable ring tones
- Synchronize music with Windows Media Player
- Navi™ wheel support
- Voice Aid

## Voice and audio recording

- Voice commands
- Speaker dependent and speaker independent voice dialling (SDND, SIND)
- Voice recorder
- Audio recording formats: AMR-WB, AMR-NB
- Speech codecs: FR, EFR, HRO/1, AMR-HR, and AMR-FR
- Text-to-speech

## Personalization: profiles, themes, ring tones

- Customizable home screen content in Business and Personal modes
- Customizable profiles
- Customizable ring tones
- Customisable video ring tones
- Support for talking ring tones
- Customizable themes

## Software platform and user interface

- S60 3.1 Edition, Eseries
- Symbian Os 9.2
- Two home screen modes with customizable active standby views
- Voice commands

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

- 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 Dialling Number support
- Clock: analogue and digital
- Alarm clock with ring tones
- Reminders
- Calculator with advanced functions
- Calendar with week and month view
- Converter
- Active Notes
- To-do list
- PIM information viewable during call

## Applications

- Windows Live! (not available in all countries)
- WorldMate
- Advanced Call Manager
- Wireless Presenter
- Nokia Sports Tracker
- Global Race
- Top Hits Solitaire Collection
- Nokia Multiscanner
- Yahoo Go! (not available in all countries)
- Java™ MIDP 2.0
- Flash Lite 3.0
- Chat and instant messaging
- Nokia browser
  - JavaScript version 1.3 and 1.5
  - Mini Map
- Dictionary
- Quickoffice (Quickword, Quickpoint, Quicksheet)
- PDF Viewer
- ZIP Manager
- Download!
- File Manager
- Nokia Search
- Nokia Maps
- Adding more applications:
  - Use the Download! client
  - Over-the-air (OTA) downloads

## Sales package contents

- Nokia E71
- Nokia Battery (BP-4L)
- Nokia Charger (AC-5)
- Nokia Connectivity Cable (CA-101)
- Nokia Headset (HS-47)
- Nokia Eseries Wrist-strap
- Nokia Eseries Pouch
- User Guide
- Quick Start Guide and other documentation
- 2GM microSD depending on market/channel

## Available colors



Grey Steel

White Steel

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.

Music is copyright protected by international treaties and national copyright laws. It may be necessary to obtain permission or a license to reproduce or copy music. Please check the relevant legislation of the applicable country. Please respect copyrighted materials in your use of the Nokia Audio Manager.

Phone specifications mentioned above are based on the latest available information; please visit [www.nokia-asia.com](http://www.nokia-asia.com) for the most recently updated product specifications.

[www.nokia-asia.com/e71](http://www.nokia-asia.com/e71)