

## 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 (with battery)
- 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 colours
- 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

#### Colours 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 synchronisation

- 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 synchronisation, 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 dialled, 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
- Customisable ring tones
- Synchronise music with Windows Media Player
- Navi™ Key support
- Voice Aid

## Voice and audio recording

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

## Personalisation: profiles, themes, ring tones

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

## Software platform and user interface

- S60 3.1 Edition, Eseries
- Symbian Os 9.2
- Two home screen modes with customisable 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

Black

Red Steel

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